

ANALYTICAL REPORT

Job Number: 460-44405-1

Job Description: Rohm and Haas Philly Plant

For:
URS Corporation
335 Commerce Drive
Suite 300
Fort Washington, PA 19034
Attention: Ms. Emily Strake



Approved for release.
Jannel O Franklin
Project Manager I
9/21/2012 11:59 AM

Designee for
Thomas Tanico
Department Manager II
thomas.tanico@testamericainc.com
09/21/2012

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CASE NARRATIVE

Client: URS Corporation

Project: Rohm and Haas Philly Plant

Report Number: 460-44405-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 09/10/2012; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 4.2 C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

TOTAL METALS

Sample 460-44405-1 was analyzed for total metals in accordance with EPA SW-846 Method 6010B. The samples were prepared on 09/13/2012 and analyzed on 09/14/2012.

The matrix spike (MS) recoveries for aluminum in batch 127756 was outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Refer to the QC report for details.

As a standard practice all soil samples and related QC samples (i.e., MB, LCS, Dup, MS, SD) are diluted 2X-4X prior to analysis. Further dilutions may be required dependent upon analyte levels in the samples. Refer to the analytical results forms for dilutions.

Sample 460-44405-1(4X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the metals analysis.

All other quality control parameters were within the acceptance limits.

TOTAL METALS

Sample 460-44405-2 was analyzed for total metals in accordance with EPA SW-846 Method 6010B. The samples were prepared on 09/13/2012 and analyzed on 09/14/2012.

No difficulties were encountered during the metals analysis.

All quality control parameters were within the acceptance limits.

TOTAL MERCURY

Sample 460-44405-2 was analyzed for total mercury in accordance with EPA SW-846 Methods 7470A. The samples were prepared and analyzed on 09/11/2012.

No difficulties were encountered during the Hg analysis.

All quality control parameters were within the acceptance limits.

TOTAL MERCURY

Sample 460-44405-1 was analyzed for total mercury in accordance with EPA SW-846 Method 7471A. The samples were prepared and analyzed on 09/11/2012.

No difficulties were encountered during the Hg analysis.

All quality control parameters were within the acceptance limits.

ORGANOCHLORINE PESTICIDES

Sample 460-44405-1 was analyzed for organochlorine pesticides in accordance with EPA SW-846 Method 8081A. The samples were prepared on 09/12/2012 and analyzed on 09/18/2012.

DCB Decachlorobiphenyl surrogate recovery is outside control limits. TCX surrogate recoveries are within control limits, therefore the data have been qualified and reported. 201209105B-365VO-2N (460-44405-1) Refer to the QC report for details.

The continuing calibration verification (CCV) for 4,4-DDE is outside control criteria for the primary column. This analyte is within control limits on the secondary column. The data have been qualified and reported. (CCVRT 460-127675/1)

The continuing calibration verification (CCV) for methoxychlor recovered above the upper control limit on the secondary column. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. (CCVRT 460-127675/1)

The continuing calibration verification (CCV) for 4,4-DDE is outside control criteria for the primary column. This analyte is within control limits on the secondary column. The data have been qualified and reported. (CCV 460-127675/23)

Sample 460-44405-1(5X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the pesticides analysis.

All other quality control parameters were within the acceptance limits.

CHLORINATED PESTICIDES

Sample 460-44405-2 was analyzed for chlorinated pesticides in accordance with EPA SW-846 Method 8081A. The samples were prepared on 09/11/2012 and analyzed on 09/12/2012.

The capping continuing calibration verification (CCV) associated with batch 127690 did not meet control limits for multiple analytes. Sample matrix is suspected to have contributed to this failure confirmed by reanalysis. (CCV 460-127690/26)

No other difficulties were encountered during the pesticides analysis.

All quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Sample 460-44405-1 was analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were prepared on 09/11/2012 and analyzed on 09/15/2012.

1,2-Dichloroethane-d4 (Surr) and Bromofluorobenzene Surrogate recovery for the following sample was outside control limits: 201209105B-365VO-2N (460-44405-1). Evidence of matrix interference is present; therefore, re-analysis was not performed. Refer to the QC report for details.

The following sample was diluted due to the abundance of target and non-target analytes: 201209105B-365VO-2N (460-44405-1). Elevated reporting limits (RLs) are provided.

No other difficulties were encountered during the volatiles analysis.

All other quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-44405-2 and 460-44405-3 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 09/18/2012.

The matrix spike (MS) recoveries for batch 128358 were outside control limits for Bromoform. The associated laboratory control sample (LCS) recovery met acceptance criteria. The presence of the '4' qualifier in the report indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

Refer to the QC report for details.

No other difficulties were encountered during the volatiles analyses.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Sample 460-44405-1 was analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 09/11/2012 and analyzed on 09/12/2012.

2,4,6-Tribromophenol, 2-Fluorobiphenyl, 2-Fluorophenol, Nitrobenzene-d5, Phenol-d5 and Terphenyl-d14 failed the surrogate recovery criteria low for 460-44405-1. Refer to the QC report for details.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 127373 were outside control limits for Benzo(a)pyrene and/or Di-n-octylphthalate. The laboratory control sample (LCS) for batch 127373 was outside advisory limits for the following analytes: 1,2,4,5-Tetrachlorobenzene.

The following sample(s) was diluted due to the nature of the sample matrix and abundance of target analytes: 201209105B-365VO-2N (460-44405-1). As such, surrogate recoveries are not reported, and elevated reporting limits (RLs) are provided.

Refer to the QC report for details.

Sample 460-44405-1(10X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the semivolatiles analysis.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Sample 460-44405-2 was analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 09/14/2012 and analyzed on 09/17/2012.

The %RPD of the laboratory control sample (LCS) and laboratory control standard duplicate (LCSD) for preparation batch 127814 exceeded control limits for the following analytes: Benzaldehyde. Refer to the QC report for details.

No other difficulties were encountered during the semivolatiles analysis.

All other quality control parameters were within the acceptance limits.

PERCENT SOLIDS

Sample 460-44405-1 was analyzed for percent solids in accordance with D2974-87 Modified by ASTM. The samples were analyzed on 09/12/2012.

No difficulties were encountered during the % solids analysis.

All quality control parameters were within the acceptance limits.

SAMPLE SUMMARY

Client: URS Corporation

Job Number: 460-44405-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-44405-1	201209105B-365VO-2N	Solid	09/10/2012 1110	09/10/2012 1920
460-44405-2	20120910EB	Water	09/10/2012 1545	09/10/2012 1920
460-44405-3	20120910TB	Water	09/10/2012 0000	09/10/2012 1920

EXECUTIVE SUMMARY - Detections

Client: URS Corporation

Job Number: 460-44405-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-44405-1	201209105B-365VO-2N					
Vinyl chloride		2300		410	ug/Kg	8260B
cis-1,2-Dichloroethene		420		410	ug/Kg	8260B
1,2-Dichloroethane		630		410	ug/Kg	8260B
Benzene		250	J	410	ug/Kg	8260B
m&p-Xylene		12000		810	ug/Kg	8260B
o-Xylene		7400		410	ug/Kg	8260B
Ethylbenzene		31000		410	ug/Kg	8260B
Chlorobenzene		86	J	410	ug/Kg	8260B
Cyclohexane		150	J	410	ug/Kg	8260B
Isopropylbenzene		300	J	410	ug/Kg	8260B
Toluene		18000		410	ug/Kg	8260B
Methylcyclohexane		5900		410	ug/Kg	8260B
Tetrachloroethene		59	J	410	ug/Kg	8260B
Phenol		58000	D	4700	ug/Kg	8270C
Bis(2-chloroethyl)ether		2100	D	470	ug/Kg	8270C
Fluoranthene		1900	J D	4700	ug/Kg	8270C
Pyrene		1300	J D	4700	ug/Kg	8270C
Chrysene		800	J D	4700	ug/Kg	8270C
Benzo[k]fluoranthene		330	J D	470	ug/Kg	8270C
Benzo[g,h,i]perylene		390	J D	4700	ug/Kg	8270C
Benzo[b]fluoranthene		860	D	470	ug/Kg	8270C
Benzo[a]pyrene		710	D	470	ug/Kg	8270C
Benzo[a]anthracene		700	D	470	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		86000	D	4700	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		340	J D	470	ug/Kg	8270C
Dibenz(a,h)anthracene		140	J D	470	ug/Kg	8270C
4,4'-DDE		480	p	47	ug/Kg	8081A
Endosulfan II		1800		47	ug/Kg	8081A
Aluminum		5100		56.4	mg/Kg	6010B
Antimony		9.0		2.8	mg/Kg	6010B
Arsenic		13.2		1.4	mg/Kg	6010B
Barium		241		56.4	mg/Kg	6010B
Beryllium		0.24	J	0.56	mg/Kg	6010B
Cadmium		32.4		1.4	mg/Kg	6010B
Calcium		25100		1410	mg/Kg	6010B
Chromium		24.9		2.8	mg/Kg	6010B
Cobalt		3.7	J	14.1	mg/Kg	6010B
Copper		1920		7.1	mg/Kg	6010B
Iron		17900		42.3	mg/Kg	6010B
Lead		574		1.4	mg/Kg	6010B
Magnesium		2450		1410	mg/Kg	6010B
Manganese		186		4.2	mg/Kg	6010B
Nickel		18.1		11.3	mg/Kg	6010B
Potassium		614	J	1410	mg/Kg	6010B
Selenium		7.3		2.8	mg/Kg	6010B
Silver		0.70	J	2.8	mg/Kg	6010B

EXECUTIVE SUMMARY - Detections

Client: URS Corporation

Job Number: 460-44405-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
Sodium		488	J	1410	mg/Kg	6010B
Vanadium		10.4	J	14.1	mg/Kg	6010B
Zinc		390		8.5	mg/Kg	6010B
Mercury		2.1		0.045	mg/Kg	7471A
Percent Moisture		29.1		1.0	%	Moisture
Percent Solids		70.9		1.0	%	Moisture

METHOD SUMMARY

Client: URS Corporation

Job Number: 460-44405-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds (GC/MS) Closed System Purge and Trap	TAL EDI TAL EDI	SW846 8260B SW846 5035	
Semivolatile Organic Compounds (GC/MS) Automated Soxhlet Extraction	TAL EDI TAL EDI	SW846 8270C SW846 3541	
Organochlorine Pesticides (GC) Automated Soxhlet Extraction	TAL EDI TAL EDI	SW846 8081A SW846 3541	
Metals (ICP) Preparation, Metals	TAL EDI TAL EDI	SW846 6010B SW846 3050B	
Mercury (CVAA) Preparation, Mercury	TAL EDI TAL EDI	SW846 7471A SW846 7471A	
Percent Moisture	TAL EDI	EPA Moisture	
Matrix: Water			
Volatile Organic Compounds (GC/MS) Purge and Trap	TAL EDI TAL EDI	SW846 8260B SW846 5030B	
Semivolatile Organic Compounds (GC/MS) Liquid-Liquid Extraction (Separatory Funnel)	TAL EDI TAL EDI	SW846 8270C SW846 3510C	
Organochlorine Pesticides (GC) Liquid-Liquid Extraction (Separatory Funnel)	TAL EDI TAL EDI	SW846 8081A SW846 3510C	
Metals (ICP) Preparation, Total Metals	TAL EDI TAL EDI	SW846 6010B SW846 3010A	
Mercury (CVAA) Preparation, Mercury	TAL EDI TAL EDI	SW846 7470A SW846 7470A	

Lab References:

TAL EDI = TestAmerica Edison

Method References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: URS Corporation

Job Number: 460-44405-1

Method	Analyst	Analyst ID
SW846 8260B	Boykin, Kenneth	KB
SW846 8260B	Tupayachi, Audberto	AT
SW846 8270C	Crocco, Michael	MC
SW846 8081A	Manlangit, Ferdie	FM
SW846 6010B	Chang, Churn Der	CDC
SW846 7470A	Staib, Thomas	TS
SW846 7471A	Staib, Thomas	TS
EPA Moisture	Armbruster, Chris	CHA

Analytical Data

Client: URS Corporation

Job Number: 460-44405-1

Client Sample ID: 201209105B-365VO-2N

Lab Sample ID: 460-44405-1

Date Sampled: 09/10/2012 1110

Client Matrix: Solid

% Moisture: 29.1

Date Received: 09/10/2012 1920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-128032	Instrument ID:	VOAMS5
Prep Method:	5035	Prep Batch:	460-127399	Lab File ID:	e07814.d
Dilution:	100			Initial Weight/Volume:	3.47 g
Analysis Date:	09/15/2012 1718			Final Weight/Volume:	10 mL
Prep Date:	09/11/2012 1530				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		39	U	39	410
Bromomethane		74	U	74	410
Vinyl chloride		2300		59	410
Chloroethane		69	U	69	410
Methylene Chloride		74	U	74	410
Acetone		1100	U	1100	2000
Carbon disulfide		51	U	51	410
Trichlorofluoromethane		59	U	59	410
1,1-Dichloroethene		36	U	36	410
1,1-Dichloroethane		53	U	53	410
trans-1,2-Dichloroethene		52	U	52	410
cis-1,2-Dichloroethene		420		72	410
Chloroform		32	U	32	410
2-Butanone		940	U	940	2000
1,2-Dichloroethane		630		77	410
1,1,1-Trichloroethane		25	U	25	410
Carbon tetrachloride		23	U	23	410
Benzene		250	J	34	410
Bromoform		78	U	78	410
Styrene		48	U	48	410
m&p-Xylene		12000		100	810
o-Xylene		7400		53	410
Ethylbenzene		31000		39	410
Chlorobenzene		86	J	45	410
Cyclohexane		150	J	64	410
Isopropylbenzene		300	J	31	410
2-Hexanone		200	U	200	2000
MTBE		56	U	56	410
Freon TF		33	U	33	410
Methyl acetate		140	U	140	810
1,4-Dioxane		15000	U	15000	20000
Trichloroethene		37	U	37	410
Toluene		18000		61	410
trans-1,3-Dichloropropene		99	U	99	410
4-Methyl-2-pentanone		400	U	400	2000
cis-1,3-Dichloropropene		75	U	75	410
1,2-Dichlorobenzene		83	U	83	410
1,3-Dichlorobenzene		55	U	55	410
1,4-Dichlorobenzene		95	U	95	410
1,2,4-Trichlorobenzene		140	U	140	410
1,2,3-Trichlorobenzene		210	U	210	410
1,2-Dichloropropane		35	U	35	410
Methylcyclohexane		5900		55	410
Tetrachloroethene		59	J	39	410
1,2-Dibromo-3-Chloropropane		160	U	160	410
1,1,2,2-Tetrachloroethane		64	U	64	410

Analytical Data

Client: URS Corporation

Job Number: 460-44405-1

Client Sample ID: 201209105B-365VO-2N

Lab Sample ID: 460-44405-1

Date Sampled: 09/10/2012 1110

Client Matrix: Solid

% Moisture: 29.1

Date Received: 09/10/2012 1920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-128032	Instrument ID:	VOAMS5
Prep Method:	5035	Prep Batch:	460-127399	Lab File ID:	e07814.d
Dilution:	100			Initial Weight/Volume:	3.47 g
Analysis Date:	09/15/2012 1718			Final Weight/Volume:	10 mL
Prep Date:	09/11/2012 1530				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,2-Trichloroethane		76	U	76	410
Dibromochloromethane		81	U	81	410
1,2-Dibromoethane		110	U	110	410
Dichlorodifluoromethane		88	U	88	410
Bromochloromethane		110	U	110	410
Bromodichloromethane		51	U	51	410
Surrogate		%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		71	X	75 - 135	
Toluene-d8 (Surr)		76		59 - 150	
Bromofluorobenzene		71	X	72 - 133	

Analytical Data

Client: URS Corporation

Job Number: 460-44405-1

Client Sample ID: 20120910EB

Lab Sample ID: 460-44405-2

Date Sampled: 09/10/2012 1545

Client Matrix: Water

Date Received: 09/10/2012 1920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-128358	Instrument ID:	VOAMS13
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	p61664.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/18/2012 2311			Final Weight/Volume:	5 mL
Prep Date:	09/18/2012 2311				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	0.10	U	0.10	1.0
Bromomethane	0.18	U	0.18	1.0
Vinyl chloride	0.14	U	0.14	1.0
Chloroethane	0.17	U	0.17	1.0
Methylene Chloride	0.18	U	0.18	1.0
Acetone	2.7	U	2.7	5.0
Carbon disulfide	0.13	U	0.13	1.0
Trichlorofluoromethane	0.15	U	0.15	1.0
1,1-Dichloroethene	0.090	U	0.090	1.0
1,1-Dichloroethane	0.13	U	0.13	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.18	U	0.18	1.0
Chloroform	0.080	U	0.080	1.0
2-Butanone	2.3	U	2.3	5.0
1,2-Dichloroethane	0.19	U	0.19	1.0
1,1,1-Trichloroethane	0.060	U	0.060	1.0
Carbon tetrachloride	0.060	U	0.060	1.0
Benzene	0.080	U	0.080	1.0
Bromoform	0.19	U	0.19	1.0
Styrene	0.12	U	0.12	1.0
m&p-Xylene	0.25	U	0.25	2.0
o-Xylene	0.13	U	0.13	1.0
Ethylbenzene	0.10	U	0.10	1.0
Chlorobenzene	0.11	U	0.11	1.0
Cyclohexane	0.16	U	0.16	1.0
Isopropylbenzene	0.080	U	0.080	1.0
2-Hexanone	0.50	U	0.50	5.0
MTBE	0.14	U	0.14	1.0
Freon TF	0.080	U	0.080	1.0
Methyl acetate	0.34	U	0.34	2.0
1,4-Dioxane	36	U	36	50
Trichloroethene	0.090	U	0.090	1.0
Toluene	0.15	U	0.15	1.0
trans-1,3-Dichloropropene	0.24	U	0.24	1.0
4-Methyl-2-pentanone	0.99	U	0.99	5.0
cis-1,3-Dichloropropene	0.18	U	0.18	1.0
1,2-Dichlorobenzene	0.21	U	0.21	1.0
1,3-Dichlorobenzene	0.14	U	0.14	1.0
1,4-Dichlorobenzene	0.23	U	0.23	1.0
1,2,4-Trichlorobenzene	0.34	U	0.34	1.0
1,2,3-Trichlorobenzene	0.51	U	0.51	1.0
1,2-Dichloropropane	0.090	U	0.090	1.0
Methylcyclohexane	0.14	U	0.14	1.0
Tetrachloroethene	0.10	U	0.10	1.0
1,2-Dibromo-3-Chloropropane	0.40	U	0.40	1.0
1,1,2,2-Tetrachloroethane	0.16	U	0.16	1.0

Analytical Data

Client: URS Corporation

Job Number: 460-44405-1

Client Sample ID: 20120910EB

Lab Sample ID: 460-44405-2

Date Sampled: 09/10/2012 1545

Client Matrix: Water

Date Received: 09/10/2012 1920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-128358	Instrument ID:	VOAMS13
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	p61664.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/18/2012 2311			Final Weight/Volume:	5 mL
Prep Date:	09/18/2012 2311				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,2-Trichloroethane	0.19	U	0.19	1.0
Dibromochloromethane	0.20	U	0.20	1.0
1,2-Dibromoethane	0.28	U	0.28	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Bromochloromethane	0.27	U	0.27	1.0
Bromodichloromethane	0.12	U	0.12	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	89		70 - 130	
Toluene-d8 (Surr)	88		70 - 130	
Bromofluorobenzene	101		70 - 130	

Analytical Data

Client: URS Corporation

Job Number: 460-44405-1

Client Sample ID: 20120910TB

Lab Sample ID: 460-44405-3

Date Sampled: 09/10/2012 0000

Client Matrix: Water

Date Received: 09/10/2012 1920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-128358	Instrument ID:	VOAMS13
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	p61665.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/18/2012 2336			Final Weight/Volume:	5 mL
Prep Date:	09/18/2012 2336				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	0.10	U	0.10	1.0
Bromomethane	0.18	U	0.18	1.0
Vinyl chloride	0.14	U	0.14	1.0
Chloroethane	0.17	U	0.17	1.0
Methylene Chloride	0.18	U	0.18	1.0
Acetone	2.7	U	2.7	5.0
Carbon disulfide	0.13	U	0.13	1.0
Trichlorofluoromethane	0.15	U	0.15	1.0
1,1-Dichloroethene	0.090	U	0.090	1.0
1,1-Dichloroethane	0.13	U	0.13	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.18	U	0.18	1.0
Chloroform	0.080	U	0.080	1.0
2-Butanone	2.3	U	2.3	5.0
1,2-Dichloroethane	0.19	U	0.19	1.0
1,1,1-Trichloroethane	0.060	U	0.060	1.0
Carbon tetrachloride	0.060	U	0.060	1.0
Benzene	0.080	U	0.080	1.0
Bromoform	0.19	U	0.19	1.0
Styrene	0.12	U	0.12	1.0
m&p-Xylene	0.25	U	0.25	2.0
o-Xylene	0.13	U	0.13	1.0
Ethylbenzene	0.10	U	0.10	1.0
Chlorobenzene	0.11	U	0.11	1.0
Cyclohexane	0.16	U	0.16	1.0
Isopropylbenzene	0.080	U	0.080	1.0
2-Hexanone	0.50	U	0.50	5.0
MTBE	0.14	U	0.14	1.0
Freon TF	0.080	U	0.080	1.0
Methyl acetate	0.34	U	0.34	2.0
1,4-Dioxane	36	U	36	50
Trichloroethene	0.090	U	0.090	1.0
Toluene	0.15	U	0.15	1.0
trans-1,3-Dichloropropene	0.24	U	0.24	1.0
4-Methyl-2-pentanone	0.99	U	0.99	5.0
cis-1,3-Dichloropropene	0.18	U	0.18	1.0
1,2-Dichlorobenzene	0.21	U	0.21	1.0
1,3-Dichlorobenzene	0.14	U	0.14	1.0
1,4-Dichlorobenzene	0.23	U	0.23	1.0
1,2,4-Trichlorobenzene	0.34	U	0.34	1.0
1,2,3-Trichlorobenzene	0.51	U	0.51	1.0
1,2-Dichloropropane	0.090	U	0.090	1.0
Methylcyclohexane	0.14	U	0.14	1.0
Tetrachloroethene	0.10	U	0.10	1.0
1,2-Dibromo-3-Chloropropane	0.40	U	0.40	1.0
1,1,2,2-Tetrachloroethane	0.16	U	0.16	1.0

Analytical Data

Client: URS Corporation

Job Number: 460-44405-1

Client Sample ID: 20120910TB

Lab Sample ID: 460-44405-3

Date Sampled: 09/10/2012 0000

Client Matrix: Water

Date Received: 09/10/2012 1920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-128358	Instrument ID:	VOAMS13
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	p61665.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/18/2012 2336			Final Weight/Volume:	5 mL
Prep Date:	09/18/2012 2336				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,2-Trichloroethane	0.19	U	0.19	1.0
Dibromochloromethane	0.20	U	0.20	1.0
1,2-Dibromoethane	0.28	U	0.28	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Bromochloromethane	0.27	U	0.27	1.0
Bromodichloromethane	0.12	U	0.12	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	94		70 - 130	
Toluene-d8 (Surr)	95		70 - 130	
Bromofluorobenzene	110		70 - 130	

Analytical Data

Client: URS Corporation

Job Number: 460-44405-1

Client Sample ID: 201209105B-365VO-2N

Lab Sample ID: 460-44405-1

Date Sampled: 09/10/2012 1110

Client Matrix: Solid

% Moisture: 29.1

Date Received: 09/10/2012 1920

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-127512	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-127373	Lab File ID:	u80461.d
Dilution:	10			Initial Weight/Volume:	15.00 g
Analysis Date:	09/12/2012 1011	Run Type:	DL	Final Weight/Volume:	1 mL
Prep Date:	09/11/2012 1256			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		58000	D	630	4700
2-Chlorophenol		610	U	610	4700
2-Methylphenol		800	U	800	4700
4-Methylphenol		920	U	920	4700
Benzaldehyde		550	U	550	4700
Acetophenone		720	U	720	4700
Bis(2-chloroethyl)ether		2100	D	64	470
2,2'-oxybis[1-chloropropane]		520	U	520	4700
N-Nitrosodi-n-propylamine		78	U	78	470
Nitrobenzene		66	U	66	470
Hexachloroethane		52	U	52	470
Isophorone		570	U	570	4700
2-Nitrophenol		520	U	520	4700
2,4-Dimethylphenol		1200	U	1200	4700
2,4-Dichlorophenol		680	U	680	4700
Bis(2-chloroethoxy)methane		600	U	600	4700
Naphthalene		540	U	540	4700
4-Chloroaniline		1200	U	1200	4700
Hexachlorobutadiene		110	U	110	940
Caprolactam		1100	U	1100	4700
4-Chloro-3-methylphenol		700	U	700	4700
2-Methylnaphthalene		600	U	600	4700
Hexachlorobenzene		64	U	64	470
Hexachlorocyclopentadiene		550	U	550	4700
2,4,6-Trichlorophenol		550	U	550	4700
2,4,5-Trichlorophenol		600	U	600	4700
Diphenyl		620	U	620	4700
2-Chloronaphthalene		520	U	520	4700
2-Nitroaniline		1900	U	1900	9400
2,6-Dinitrotoluene		140	U	140	940
Dimethyl phthalate		550	U	550	4700
Acenaphthylene		550	U	550	4700
3-Nitroaniline		1600	U	1600	9400
Acenaphthene		680	U	680	4700
4-Nitrophenol		3000	U	3000	14000
2,4-Dinitrophenol		2700	U	2700	14000
Dibenzofuran		550	U	550	4700
Diethyl phthalate		560	U	560	4700
Fluorene		600	U	600	4700
Fluoranthene		1900	J D	620	4700
Di-n-butyl phthalate		580	U	580	4700
2,4-Dinitrotoluene		150	U	150	940
4-Chlorophenyl phenyl ether		550	U	550	4700
4-Nitroaniline		1500	U	1500	9400
4,6-Dinitro-2-methylphenol		1300	U	1300	14000
4-Bromophenyl phenyl ether		460	U	460	4700

Analytical Data

Client: URS Corporation

Job Number: 460-44405-1

Client Sample ID: 201209105B-365VO-2N

Lab Sample ID: 460-44405-1

Date Sampled: 09/10/2012 1110

Client Matrix: Solid

% Moisture: 29.1

Date Received: 09/10/2012 1920

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-127512	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-127373	Lab File ID:	u80461.d
Dilution:	10			Initial Weight/Volume:	15.00 g
Analysis Date:	09/12/2012 1011	Run Type:	DL	Final Weight/Volume:	1 mL
Prep Date:	09/11/2012 1256			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		720	U	720	4700
Anthracene		570	U	570	4700
Carbazole		550	U	550	4700
Phenanthrene		590	U	590	4700
Pentachlorophenol		1400	U	1400	14000
Pyrene		1300	J D	390	4700
Chrysene		800	J D	540	4700
Benzo[k]fluoranthene		330	J D	35	470
Benzo[g,h,i]perylene		390	J D	350	4700
Benzo[b]fluoranthene		860	D	29	470
Benzo[a]pyrene		710	D	33	470
Benzo[a]anthracene		700	D	33	470
N-Nitrosodiphenylamine		460	U	460	4700
Butyl benzyl phthalate		430	U	430	4700
Bis(2-ethylhexyl) phthalate		86000	D	1600	4700
Di-n-octyl phthalate		300	U	300	4700
Indeno[1,2,3-cd]pyrene		340	J D	87	470
Dibenz(a,h)anthracene		140	J D	59	470
3,3'-Dichlorobenzidine		1600	U	1600	9400
1,2,4,5-Tetrachlorobenzene		630	U *	630	4700
2,3,4,6-Tetrachlorophenol		610	U	610	4700

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	0	D	38 - 105
Phenol-d5	0	D	41 - 118
Terphenyl-d14	0	D	16 - 151
2,4,6-Tribromophenol	0	D	10 - 120
2-Fluorophenol	0	D	37 - 125
2-Fluorobiphenyl	0	D	40 - 109

Analytical Data

Client: URS Corporation

Job Number: 460-44405-1

Client Sample ID: 20120910EB

Lab Sample ID: 460-44405-2

Date Sampled: 09/10/2012 1545

Client Matrix: Water

Date Received: 09/10/2012 1920

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-128115	Instrument ID:	BNAMS5
Prep Method:	3510C	Prep Batch:	460-127814	Lab File ID:	x30162.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Analysis Date:	09/17/2012 0240			Final Weight/Volume:	2 mL
Prep Date:	09/14/2012 0804			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Phenol	0.83	U	0.83	10
2-Chlorophenol	2.2	U	2.2	10
2-Methylphenol	1.8	U	1.8	10
4-Methylphenol	1.6	U	1.6	10
Benzaldehyde	2.0	U*	2.0	10
Acetophenone	2.8	U	2.8	10
Bis(2-chloroethyl)ether	0.29	U	0.29	1.0
2,2'-oxybis[1-chloropropane]	2.0	U	2.0	10
N-Nitrosodi-n-propylamine	0.26	U	0.26	1.0
Nitrobenzene	0.31	U	0.31	1.0
Hexachloroethane	0.26	U	0.26	1.0
Isophorone	2.8	U	2.8	10
2-Nitrophenol	2.4	U	2.4	10
2,4-Dimethylphenol	3.5	U	3.5	10
2,4-Dichlorophenol	2.7	U	2.7	10
Bis(2-chloroethoxy)methane	2.7	U	2.7	10
Naphthalene	2.8	U	2.8	10
4-Chloroaniline	2.0	U	2.0	10
Hexachlorobutadiene	0.58	U	0.58	2.0
Caprolactam	2.6	U	2.6	10
4-Chloro-3-methylphenol	2.6	U	2.6	10
2-Methylnaphthalene	3.1	U	3.1	10
Hexachlorobenzene	0.30	U	0.30	1.0
Hexachlorocyclopentadiene	1.7	U	1.7	10
2,4,6-Trichlorophenol	2.4	U	2.4	10
2,4,5-Trichlorophenol	2.7	U	2.7	10
Diphenyl	2.9	U	2.9	10
2-Chloronaphthalene	2.8	U	2.8	10
2-Nitroaniline	5.0	U	5.0	20
2,6-Dinitrotoluene	0.62	U	0.62	2.0
Dimethyl phthalate	2.9	U	2.9	10
Acenaphthylene	2.8	U	2.8	10
3-Nitroaniline	5.1	U	5.1	20
Acenaphthene	2.8	U	2.8	10
4-Nitrophenol	6.8	U	6.8	31
2,4-Dinitrophenol	5.5	U	5.5	31
Dibenzofuran	2.9	U	2.9	10
Diethyl phthalate	3.0	U	3.0	10
Fluorene	2.9	U	2.9	10
Fluoranthene	3.3	U	3.3	10
Di-n-butyl phthalate	3.0	U	3.0	10
2,4-Dinitrotoluene	0.48	U	0.48	2.0
4-Chlorophenyl phenyl ether	2.6	U	2.6	10
4-Nitroaniline	5.9	U	5.9	20
4,6-Dinitro-2-methylphenol	4.8	U	4.8	31
4-Bromophenyl phenyl ether	2.6	U	2.6	10

Analytical Data

Client: URS Corporation

Job Number: 460-44405-1

Client Sample ID: 20120910EB

Lab Sample ID: 460-44405-2

Date Sampled: 09/10/2012 1545

Client Matrix: Water

Date Received: 09/10/2012 1920

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-128115	Instrument ID:	BNAMS5
Prep Method:	3510C	Prep Batch:	460-127814	Lab File ID:	x30162.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Analysis Date:	09/17/2012 0240			Final Weight/Volume:	2 mL
Prep Date:	09/14/2012 0804			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Atrazine	3.1	U	3.1	10
Anthracene	2.9	U	2.9	10
Carbazole	3.3	U	3.3	10
Phenanthrene	3.2	U	3.2	10
Pentachlorophenol	5.4	U	5.4	31
Pyrene	3.0	U	3.0	10
Chrysene	3.2	U	3.2	10
Benzo[k]fluoranthene	0.27	U	0.27	1.0
Benzo[g,h,i]perylene	2.0	U	2.0	10
Benzo[b]fluoranthene	0.27	U	0.27	1.0
Benzo[a]pyrene	0.14	U	0.14	1.0
Benzo[a]anthracene	0.28	U	0.28	1.0
N-Nitrosodiphenylamine	3.0	U	3.0	10
Butyl benzyl phthalate	2.6	U	2.6	10
Bis(2-ethylhexyl) phthalate	2.0	U	2.0	10
Di-n-octyl phthalate	1.5	U	1.5	10
Indeno[1,2,3-cd]pyrene	0.15	U	0.15	1.0
Dibenz(a,h)anthracene	0.092	U	0.092	1.0
3,3'-Dichlorobenzidine	5.0	U	5.0	20
1,2,4,5-Tetrachlorobenzene	2.7	U	2.7	10
2,3,4,6-Tetrachlorophenol	2.6	U	2.6	10

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	94		56 - 112
Phenol-d5	30		10 - 48
Terphenyl-d14	94		50 - 122
2,4,6-Tribromophenol	94		46 - 122
2-Fluorophenol	46		10 - 65
2-Fluorobiphenyl	88		53 - 108

Analytical Data

Client: URS Corporation

Job Number: 460-44405-1

Client Sample ID: 201209105B-365VO-2N

Lab Sample ID: 460-44405-1

Date Sampled: 09/10/2012 1110

Client Matrix: Solid

% Moisture: 29.1

Date Received: 09/10/2012 1920

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-128370	Instrument ID:	PESTGC4
Prep Method:	3541	Prep Batch:	460-127454	Initial Weight/Volume:	15.05 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2012 1716			Injection Volume:	1 uL
Prep Date:	09/12/2012 0233			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		10	U	10	47
alpha-BHC		8.7	U	8.7	47
beta-BHC		6.4	U	6.4	47
delta-BHC		7.2	U	7.2	47
gamma-BHC (Lindane)		5.5	U	5.5	47
Chlordane		100	U	100	470
4,4'-DDD		5.6	U	5.6	47
4,4'-DDE		480	p	9.1	47
4,4'-DDT		5.9	U	5.9	47
Dieldrin		9.1	U	9.1	47
Endosulfan I		9.9	U	9.9	47
Endosulfan II		1800		7.1	47
Endosulfan sulfate		6.0	U	6.0	47
Endrin		6.6	U	6.6	47
Endrin aldehyde		12	U	12	47
Endrin ketone		7.0	U	7.0	47
Heptachlor		6.7	U	6.7	47
Heptachlor epoxide		9.5	U	9.5	47
Methoxychlor		5.3	U	5.3	47
Toxaphene		98	U	98	470
Surrogate		%Rec	Qualifier	Acceptance Limits	
Tetrachloro-m-xylene		75		40 - 150	
DCB Decachlorobiphenyl		168	p X	53 - 150	

Analytical Data

Client: URS Corporation

Job Number: 460-44405-1

Client Sample ID: 201209105B-365VO-2N

Lab Sample ID: 460-44405-1

Date Sampled: 09/10/2012 1110

Client Matrix: Solid

% Moisture: 29.1

Date Received: 09/10/2012 1920

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-128370	Instrument ID:	PESTGC4
Prep Method:	3541	Prep Batch:	460-127454	Initial Weight/Volume:	15.05 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	09/18/2012 1716			Injection Volume:	1 uL
Prep Date:	09/12/2012 0233			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	66		40 - 150
DCB Decachlorobiphenyl	427	X	53 - 150

Analytical Data

Client: URS Corporation

Job Number: 460-44405-1

Client Sample ID: 20120910EB

Lab Sample ID: 460-44405-2

Date Sampled: 09/10/2012 1545

Client Matrix: Water

Date Received: 09/10/2012 1920

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-127690	Instrument ID:	PESTGC1
Prep Method:	3510C	Prep Batch:	460-127381	Initial Weight/Volume:	970 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	09/12/2012 1154			Injection Volume:	
Prep Date:	09/11/2012 1350			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aldrin	0.010	U	0.010	0.052
alpha-BHC	0.010	U	0.010	0.052
beta-BHC	0.011	U	0.011	0.052
delta-BHC	0.0093	U	0.0093	0.052
gamma-BHC (Lindane)	0.012	U	0.012	0.052
Chlordane	0.34	U	0.34	0.52
4,4'-DDD	0.011	U	0.011	0.052
4,4'-DDE	0.0093	U	0.0093	0.052
4,4'-DDT	0.010	U	0.010	0.052
Dieldrin	0.0052	U	0.0052	0.052
Endosulfan I	0.0093	U	0.0093	0.052
Endosulfan II	0.010	U	0.010	0.052
Endosulfan sulfate	0.016	U	0.016	0.052
Endrin	0.010	U	0.010	0.052
Endrin aldehyde	0.0093	U	0.0093	0.052
Endrin ketone	0.011	U	0.011	0.052
Heptachlor	0.010	U	0.010	0.052
Heptachlor epoxide	0.010	U	0.010	0.052
Methoxychlor	0.013	U	0.013	0.052
Toxaphene	0.21	U	0.21	0.52
Surrogate	%Rec	Qualifier	Acceptance Limits	
Tetrachloro-m-xylene	105		49 - 132	
DCB Decachlorobiphenyl	62		37 - 144	

Analytical Data

Client: URS Corporation

Job Number: 460-44405-1

Client Sample ID: 20120910EB

Lab Sample ID: 460-44405-2

Date Sampled: 09/10/2012 1545

Client Matrix: Water

Date Received: 09/10/2012 1920

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-127690	Instrument ID:	PESTGC1
Prep Method:	3510C	Prep Batch:	460-127381	Initial Weight/Volume:	970 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	09/12/2012 1154			Injection Volume:	
Prep Date:	09/11/2012 1350			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	85		49 - 132
DCB Decachlorobiphenyl	57		37 - 144

Analytical Data

Client: URS Corporation

Job Number: 460-44405-1

Client Sample ID: 201209105B-365VO-2N

Lab Sample ID: 460-44405-1

Date Sampled: 09/10/2012 1110

Client Matrix: Solid

% Moisture: 29.1

Date Received: 09/10/2012 1920

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-128004	Instrument ID:	ICP5
Prep Method:	3050B	Prep Batch:	460-127756	Lab File ID:	09142012A.asc
Dilution:	4.0			Initial Weight/Volume:	1.00 g
Analysis Date:	09/14/2012 2241			Final Weight/Volume:	50 mL
Prep Date:	09/13/2012 1701				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		5100		25.7	56.4
Antimony		9.0		1.7	2.8
Arsenic		13.2		1.3	1.4
Barium		241		1.6	56.4
Beryllium		0.24	J	0.20	0.56
Cadmium		32.4		0.21	1.4
Calcium		25100		99.8	1410
Chromium		24.9		1.2	2.8
Cobalt		3.7	J	1.2	14.1
Copper		1920		2.7	7.1
Iron		17900		17.1	42.3
Lead		574		1.2	1.4
Magnesium		2450		102	1410
Manganese		186		1.2	4.2
Nickel		18.1		1.2	11.3
Potassium		614	J	151	1410
Selenium		7.3		1.9	2.8
Silver		0.70	J	0.28	2.8
Sodium		488	J	223	1410
Thallium		1.6	U	1.6	2.8
Vanadium		10.4	J	1.1	14.1
Zinc		390		1.5	8.5

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-127430	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-127408	Lab File ID:	127408HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.62 g
Analysis Date:	09/11/2012 1922			Final Weight/Volume:	100 mL
Prep Date:	09/11/2012 1630				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		2.1		0.030	0.045

Analytical Data

Client: URS Corporation

Job Number: 460-44405-1

Client Sample ID: 20120910EB

Lab Sample ID: 460-44405-2

Date Sampled: 09/10/2012 1545

Client Matrix: Water

Date Received: 09/10/2012 1920

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-127809	Instrument ID:	ICP5
Prep Method:	3010A	Prep Batch:	460-127660	Lab File ID:	09132012A.asc
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	09/14/2012 0101			Final Weight/Volume:	100 mL
Prep Date:	09/13/2012 0952				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	72.1	U	72.1	200
Antimony	7.4	U	7.4	10.0
Arsenic	3.7	U	3.7	5.0
Barium	5.9	U	5.9	200
Beryllium	0.78	U	0.78	2.0
Cadmium	0.82	U	0.82	5.0
Calcium	305	U	305	5000
Chromium	4.5	U	4.5	10.0
Cobalt	4.3	U	4.3	50.0
Copper	7.8	U	7.8	25.0
Iron	73.6	U	73.6	150
Lead	4.0	U	4.0	5.0
Magnesium	321	U	321	5000
Manganese	4.3	U	4.3	15.0
Nickel	5.0	U	5.0	40.0
Potassium	525	U	525	5000
Selenium	5.8	U	5.8	10.0
Silver	1.3	U	1.3	10.0
Sodium	821	U	821	5000
Thallium	5.2	U	5.2	10.0
Vanadium	4.0	U	4.0	50.0
Zinc	5.8	U	5.8	30.0

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	460-127438	Instrument ID:	LEEMAN5
Prep Method:	7470A	Prep Batch:	460-127418	Lab File ID:	127418HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	09/11/2012 2027			Final Weight/Volume:	30 mL
Prep Date:	09/11/2012 1700				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.16	U	0.16	0.20

Analytical Data

Client: URS Corporation

Job Number: 460-44405-1

General Chemistry**Client Sample ID:** 201209105B-365VO-2N

Lab Sample ID: 460-44405-1

Date Sampled: 09/10/2012 1110

Client Matrix: Solid

Date Received: 09/10/2012 1920

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	29.1		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-127535		Analysis Date: 09/12/2012 1318				DryWt Corrected: N
Percent Solids	70.9		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-127535		Analysis Date: 09/12/2012 1318				DryWt Corrected: N

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

Surrogate Recovery Report**8260B Volatile Organic Compounds (GC/MS)****Client Matrix: Solid**

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-44405-1	201209105B-365VO-2N	71X	76	71X
MB 460-128032/17		85	94	87
LCS 460-128032/3		90	104	97
LCSD 460-128032/16		86	100	94

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	75-135
TOL = Toluene-d8 (Surr)	59-150
BFB = Bromofluorobenzene	72-133

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

Surrogate Recovery Report**8260B Volatile Organic Compounds (GC/MS)****Client Matrix: Water**

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-44405-2	20120910EB	89	88	101
460-44405-3	20120910TB	94	95	110
MB 460-128358/3		91	90	105
LCS 460-128358/10		81	86	97
460-44720-A-1 MS		86	85	99
460-44720-A-1 MSD		83	84	98

Surrogate

DCA = 1,2-Dichloroethane-d4 (Surr)

Acceptance Limits

70-130

TOL = Toluene-d8 (Surr)

70-130

BFB = Bromofluorobenzene

70-130

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

Surrogate Recovery Report**8270C Semivolatile Organic Compounds (GC/MS)****Client Matrix: Solid**

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
460-44405-1 DL	201209105B-365VO-2N DL	0D	0D	0D	0D	0D	0D
MB 460-127373/1-A		100	94	94	84	98	95
LCS 460-127373/2-A		68	69	67	65	74	73
460-44386-B-1-E MS		91	99	82	76	93	103
460-44386-B-1-F MSD		90	94	83	79	94	98

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol	37-125
PHL = Phenol-d5	41-118
NBZ = Nitrobenzene-d5	38-105
FBP = 2-Fluorobiphenyl	40-109
TBP = 2,4,6-Tribromophenol	10-120
TPH = Terphenyl-d14	16-151

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

Surrogate Recovery Report**8270C Semivolatile Organic Compounds (GC/MS)****Client Matrix: Water**

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
460-44405-2	20120910EB	46	30	94	88	94	94
MB 460-127814/1-A		44	27	102	99	101	103
LCS 460-127814/2-A		43	25	92	88	90	84
LCSD 460-127814/3-A		50	31	97	97	93	93

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol	10-65
PHL = Phenol-d5	10-48
NBZ = Nitrobenzene-d5	56-112
FBP = 2-Fluorobiphenyl	53-108
TBP = 2,4,6-Tribromophenol	46-122
TPH = Terphenyl-d14	50-122

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

Surrogate Recovery Report**8081A Organochlorine Pesticides (GC)****Client Matrix: Solid**

Lab Sample ID	Client Sample ID	TCX1 %Rec	TCX2 %Rec	DCB1 %Rec	DCB2 %Rec
460-44405-1	201209105B-365VO-2N	66	75	427X	168p X
MB 460-127454/1-A		85	94	98	96
LCS 460-127454/2-A		92	95	100	95
450-6512-A-6-D MS		103	97	95	117
450-6512-A-6-E MSD		112	101	101	121

Surrogate

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

Acceptance Limits

40-150

53-150

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

Surrogate Recovery Report**8081A Organochlorine Pesticides (GC)****Client Matrix: Water**

Lab Sample ID	Client Sample ID	TCX1 %Rec	TCX2 %Rec	DCB1 %Rec	DCB2 %Rec
460-44405-2	20120910EB	85	105	57	62
MB 460-127381/1-A		83	108	92	100
LCS 460-127381/2-A		107	103	86	87
LCSD 460-127381/3-A		106	108	86	87

Surrogate

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

Acceptance Limits

49-132

37-144

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

Method Blank - Batch: 460-128032**Method: 8260B****Preparation: N/A**

Lab Sample ID:	MB 460-128032/17	Analysis Batch:	460-128032	Instrument ID:	VOAMS5
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	e07804.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	09/15/2012 1324	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	9.7	U	9.7	100
Bromomethane	18	U	18	100
Vinyl chloride	14	U	14	100
Chloroethane	17	U	17	100
Methylene Chloride	18	U	18	100
Acetone	270	U	270	500
Carbon disulfide	13	U	13	100
Trichlorofluoromethane	15	U	15	100
1,1-Dichloroethene	8.8	U	8.8	100
1,1-Dichloroethane	13	U	13	100
trans-1,2-Dichloroethene	13	U	13	100
cis-1,2-Dichloroethene	18	U	18	100
Chloroform	7.9	U	7.9	100
2-Butanone	230	U	230	500
1,2-Dichloroethane	19	U	19	100
1,1,1-Trichloroethane	6.2	U	6.2	100
Carbon tetrachloride	5.7	U	5.7	100
Benzene	8.3	U	8.3	100
Bromoform	19	U	19	100
Styrene	12	U	12	100
m&p-Xylene	25	U	25	200
o-Xylene	13	U	13	100
Ethylbenzene	9.6	U	9.6	100
Chlorobenzene	11	U	11	100
Cyclohexane	16	U	16	100
Isopropylbenzene	7.7	U	7.7	100
2-Hexanone	50	U	50	500
MTBE	14	U	14	100
Freon TF	8.2	U	8.2	100
Methyl acetate	34	U	34	200
1,4-Dioxane	3600	U	3600	5000
Trichloroethene	9.2	U	9.2	100
Toluene	15	U	15	100
trans-1,3-Dichloropropene	24	U	24	100
4-Methyl-2-pentanone	99	U	99	500
cis-1,3-Dichloropropene	18	U	18	100
1,2-Dichlorobenzene	21	U	21	100
1,3-Dichlorobenzene	14	U	14	100
1,4-Dichlorobenzene	23	U	23	100
1,2,4-Trichlorobenzene	34	U	34	100
1,2,3-Trichlorobenzene	51	U	51	100
1,2-Dichloropropane	8.6	U	8.6	100
Methylcyclohexane	14	U	14	100
Tetrachloroethene	9.7	U	9.7	100
1,2-Dibromo-3-Chloropropane	40	U	40	100

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

Method Blank - Batch: 460-128032**Method: 8260B****Preparation: N/A**

Lab Sample ID:	MB 460-128032/17	Analysis Batch:	460-128032	Instrument ID:	VOAMS5
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	e07804.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	09/15/2012 1324	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2,2-Tetrachloroethane	16	U	16	100
1,1,2-Trichloroethane	19	U	19	100
Dibromochloromethane	20	U	20	100
1,2-Dibromoethane	28	U	28	100
Dichlorodifluoromethane	22	U	22	100
Bromochloromethane	27	U	27	100
Bromodichloromethane	13	U	13	100
Surrogate	% Rec	Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	85	75 - 135		
Toluene-d8 (Surr)	94	59 - 150		
Bromofluorobenzene	87	72 - 133		

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-128032**

Method: 8260B

Preparation: N/A

LCS Lab Sample ID:	LCS 460-128032/3	Analysis Batch:	460-128032	Instrument ID:	VOAMS5
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	e07800.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	09/15/2012 1121	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-128032/16	Analysis Batch:	460-128032	Instrument ID:	VOAMS5
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	e07801.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	09/15/2012 1211	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	% Rec.						
	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloromethane	137	114	52 - 144	19	30		
Bromomethane	103	96	58 - 154	7	30		
Vinyl chloride	118	107	55 - 154	10	30		
Chloroethane	82	87	66 - 144	6	30		
Methylene Chloride	99	89	78 - 118	10	30		
Acetone	149	167	48 - 177	12	30		
Carbon disulfide	89	80	70 - 120	10	30		
Trichlorofluoromethane	97	94	60 - 148	3	30		
1,1-Dichloroethene	97	89	68 - 138	9	30		
1,1-Dichloroethane	103	91	79 - 119	12	30		
trans-1,2-Dichloroethene	91	81	73 - 119	12	30		
cis-1,2-Dichloroethene	93	86	78 - 118	7	30		
Chloroform	97	91	81 - 122	7	30		
2-Butanone	123	118	70 - 139	4	30		
1,2-Dichloroethane	97	88	81 - 121	9	30		
1,1,1-Trichloroethane	92	85	78 - 118	8	30		
Carbon tetrachloride	86	80	64 - 130	8	30		
Benzene	108	104	71 - 118	4	30		
Bromoform	88	80	76 - 133	10	30		
Styrene	108	98	73 - 126	10	30		
m&p-Xylene	109	98	78 - 127	11	30		
o-Xylene	108	96	77 - 122	11	30		
Ethylbenzene	108	99	78 - 124	9	30		
Chlorobenzene	103	95	69 - 124	8	30		
Cyclohexane	110	105	69 - 128	4	30		
Isopropylbenzene	108	96	80 - 143	12	30		
2-Hexanone	85	88	62 - 123	4	30		
MTBE	94	85	65 - 143	10	30		
Freon TF	88	79	50 - 128	11	30		
Methyl acetate	93	78	72 - 165	18	30		
1,4-Dioxane	119	110	54 - 147	8	30		
Trichloroethene	93	86	82 - 122	8	30		
Toluene	110	102	79 - 136	7	30		
trans-1,3-Dichloropropene	102	97	73 - 118	5	30		
4-Methyl-2-pentanone	123	121	69 - 124	1	30		
cis-1,3-Dichloropropene	104	100	75 - 120	5	30		

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-128032**

**Method: 8260B
Preparation: N/A**

LCS Lab Sample ID:	LCS 460-128032/3	Analysis Batch:	460-128032	Instrument ID:	VOAMS5
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	e07800.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	09/15/2012 1121	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-128032/16	Analysis Batch:	460-128032	Instrument ID:	VOAMS5
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	e07801.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	09/15/2012 1211	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	% Rec.		RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD				
1,2-Dichlorobenzene	101	93	83 - 123	9	30	
1,3-Dichlorobenzene	101	94	83 - 123	8	30	
1,4-Dichlorobenzene	101	94	84 - 124	7	30	
1,2,4-Trichlorobenzene	97	90	62 - 144	8	30	
1,2,3-Trichlorobenzene	99	90	36 - 207	10	30	
1,2-Dichloropropane	111	103	78 - 118	8	30	
Methylcyclohexane	94	89	80 - 134	6	30	
Tetrachloroethene	95	88	78 - 136	7	30	
1,2-Dibromo-3-Chloropropane	109	99	62 - 127	10	30	
1,1,2,2-Tetrachloroethane	119	109	86 - 145	9	30	
1,1,2-Trichloroethane	103	96	77 - 120	7	30	
Dibromochloromethane	91	87	78 - 118	4	30	
1,2-Dibromoethane	99	93	76 - 120	6	30	
Dichlorodifluoromethane	83	69	41 - 149	19	30	
Bromochloromethane	89	83	81 - 121	7	30	
Bromodichloromethane	92	88	78 - 118	4	30	
Surrogate		LCS % Rec	LCSD % Rec	Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	90	86		75 - 135		
Toluene-d8 (Surr)	104	100		59 - 150		
Bromofluorobenzene	97	94		72 - 133		

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

**Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-128032**

**Method: 8260B
Preparation: N/A**

LCS Lab Sample ID:	LCS 460-128032/3	Units:	ug/Kg	LCSD Lab Sample ID:	LCSD 460-128032/16
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	50			Dilution:	50
Analysis Date:	09/15/2012 1121			Analysis Date:	09/15/2012 1211
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Chloromethane	2000	2000	2750	2270
Bromomethane	2000	2000	2060	1910
Vinyl chloride	2000	2000	2370	2150
Chloroethane	2000	2000	1640	1740
Methylene Chloride	2000	2000	1970	1780
Acetone	2000	2000	2980	3350
Carbon disulfide	2000	2000	1780	1610
Trichlorofluoromethane	2000	2000	1940	1880
1,1-Dichloroethene	2000	2000	1930	1770
1,1-Dichloroethane	2000	2000	2060	1820
trans-1,2-Dichloroethene	2000	2000	1810	1620
cis-1,2-Dichloroethene	2000	2000	1860	1730
Chloroform	2000	2000	1940	1820
2-Butanone	2000	2000	2470	2360
1,2-Dichloroethane	2000	2000	1930	1770
1,1,1-Trichloroethane	2000	2000	1840	1700
Carbon tetrachloride	2000	2000	1730	1600
Benzene	2000	2000	2160	2080
Bromoform	2000	2000	1770	1590
Styrene	2000	2000	2170	1960
m&p-Xylene	4000	4000	4350	3900
o-Xylene	2000	2000	2160	1930
Ethylbenzene	2000	2000	2160	1980
Chlorobenzene	2000	2000	2060	1900
Cyclohexane	2000	2000	2190	2100
Isopropylbenzene	2000	2000	2150	1910
2-Hexanone	2000	2000	1690	1770
MTBE	2000	2000	1870	1700
Freon TF	2000	2000	1770	1590
Methyl acetate	2000	2000	1860	1560
1,4-Dioxane	15000	15000	17800	16400
Trichloroethene	2000	2000	1870	1730
Toluene	2000	2000	2190	2040
trans-1,3-Dichloropropene	2000	2000	2040	1940
4-Methyl-2-pentanone	2000	2000	2460	2430
cis-1,3-Dichloropropene	2000	2000	2090	1990
1,2-Dichlorobenzene	2000	2000	2030	1850
1,3-Dichlorobenzene	2000	2000	2030	1870
1,4-Dichlorobenzene	2000	2000	2010	1870

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

**Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-128032****Method: 8260B
Preparation: N/A**

LCS Lab Sample ID:	LCS 460-128032/3	Units:	ug/Kg	LCSD Lab Sample ID:	LCSD 460-128032/16
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	50			Dilution:	50
Analysis Date:	09/15/2012 1121			Analysis Date:	09/15/2012 1211
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,2,4-Trichlorobenzene	2000	2000	1930	1790
1,2,3-Trichlorobenzene	2000	2000	1980	1800
1,2-Dichloropropane	2000	2000	2220	2060
Methylcyclohexane	2000	2000	1880	1770
Tetrachloroethene	2000	2000	1900	1770
1,2-Dibromo-3-Chloropropane	2000	2000	2170	1970
1,1,2,2-Tetrachloroethane	2000	2000	2370	2170
1,1,2-Trichloroethane	2000	2000	2070	1930
Dibromochloromethane	2000	2000	1810	1730
1,2-Dibromoethane	2000	2000	1970	1860
Dichlorodifluoromethane	2000	2000	1660	1380
Bromochloromethane	2000	2000	1790	1670
Bromodichloromethane	2000	2000	1840	1770

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

Method Blank - Batch: 460-128358

Method: 8260B

Preparation: 5030B

Lab Sample ID:	MB 460-128358/3	Analysis Batch:	460-128358	Instrument ID:	VOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	p61663.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/18/2012 2247	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	09/18/2012 2247				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	0.10	U	0.10	1.0
Bromomethane	0.18	U	0.18	1.0
Vinyl chloride	0.14	U	0.14	1.0
Chloroethane	0.17	U	0.17	1.0
Methylene Chloride	0.18	U	0.18	1.0
Acetone	2.7	U	2.7	5.0
Carbon disulfide	0.13	U	0.13	1.0
Trichlorofluoromethane	0.15	U	0.15	1.0
1,1-Dichloroethene	0.090	U	0.090	1.0
1,1-Dichloroethane	0.13	U	0.13	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.18	U	0.18	1.0
Chloroform	0.080	U	0.080	1.0
2-Butanone	2.3	U	2.3	5.0
1,2-Dichloroethane	0.19	U	0.19	1.0
1,1,1-Trichloroethane	0.060	U	0.060	1.0
Carbon tetrachloride	0.060	U	0.060	1.0
Benzene	0.080	U	0.080	1.0
Bromoform	0.19	U	0.19	1.0
Styrene	0.12	U	0.12	1.0
m&p-Xylene	0.25	U	0.25	2.0
o-Xylene	0.13	U	0.13	1.0
Ethylbenzene	0.10	U	0.10	1.0
Chlorobenzene	0.11	U	0.11	1.0
Cyclohexane	0.16	U	0.16	1.0
Isopropylbenzene	0.080	U	0.080	1.0
2-Hexanone	0.50	U	0.50	5.0
MTBE	0.14	U	0.14	1.0
Freon TF	0.080	U	0.080	1.0
Methyl acetate	0.34	U	0.34	2.0
1,4-Dioxane	36	U	36	50
Trichloroethene	0.090	U	0.090	1.0
Toluene	0.15	U	0.15	1.0
trans-1,3-Dichloropropene	0.24	U	0.24	1.0
4-Methyl-2-pentanone	0.99	U	0.99	5.0
cis-1,3-Dichloropropene	0.18	U	0.18	1.0
1,2-Dichlorobenzene	0.21	U	0.21	1.0
1,3-Dichlorobenzene	0.14	U	0.14	1.0
1,4-Dichlorobenzene	0.23	U	0.23	1.0
1,2,4-Trichlorobenzene	0.34	U	0.34	1.0
1,2,3-Trichlorobenzene	0.51	U	0.51	1.0
1,2-Dichloropropane	0.090	U	0.090	1.0
Methylcyclohexane	0.14	U	0.14	1.0
Tetrachloroethene	0.10	U	0.10	1.0
1,2-Dibromo-3-Chloropropane	0.40	U	0.40	1.0

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

Method Blank - Batch: 460-128358

Method: 8260B

Preparation: 5030B

Lab Sample ID:	MB 460-128358/3	Analysis Batch:	460-128358	Instrument ID:	VOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	p61663.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/18/2012 2247	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	09/18/2012 2247				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2,2-Tetrachloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.19	U	0.19	1.0
Dibromochloromethane	0.20	U	0.20	1.0
1,2-Dibromoethane	0.28	U	0.28	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Bromochloromethane	0.27	U	0.27	1.0
Bromodichloromethane	0.12	U	0.12	1.0
Surrogate	% Rec	Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	91	70 - 130		
Toluene-d8 (Surr)	90	70 - 130		
Bromofluorobenzene	105	70 - 130		

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

Lab Control Sample - Batch: 460-128358

Method: 8260B

Preparation: 5030B

Lab Sample ID:	LCS 460-128358/10	Analysis Batch:	460-128358	Instrument ID:	VOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	p61670.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/19/2012 0137	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	09/19/2012 0137				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	20.0	17.2	86	58 - 146	
Bromomethane	20.0	18.5	92	55 - 153	
Vinyl chloride	20.0	17.1	86	61 - 144	
Chloroethane	20.0	24.1	121	69 - 145	
Methylene Chloride	20.0	17.0	85	79 - 119	
Acetone	20.0	16.5	82	45 - 156	
Carbon disulfide	20.0	14.5	73	58 - 139	
Trichlorofluoromethane	20.0	24.0	120	69 - 147	
1,1-Dichloroethene	20.0	18.1	91	56 - 139	
1,1-Dichloroethane	20.0	17.2	86	78 - 122	
trans-1,2-Dichloroethene	20.0	17.3	87	75 - 122	
cis-1,2-Dichloroethene	20.0	18.8	94	80 - 120	
Chloroform	20.0	20.3	102	82 - 123	
2-Butanone	20.0	19.8	99	65 - 114	
1,2-Dichloroethane	20.0	20.2	101	74 - 118	
1,1,1-Trichloroethane	20.0	19.4	97	74 - 128	
Carbon tetrachloride	20.0	16.9	85	73 - 120	
Benzene	20.0	20.7	104	83 - 124	
Bromoform	20.0	14.7	73	73 - 123	
Styrene	20.0	19.3	96	69 - 112	
m&p-Xylene	40.0	38.9	97	76 - 120	
o-Xylene	20.0	19.6	98	78 - 118	
Ethylbenzene	20.0	19.3	96	79 - 126	
Chlorobenzene	20.0	20.1	101	81 - 121	
Cyclohexane	20.0	17.9	89	58 - 133	
Isopropylbenzene	20.0	19.9	100	80 - 125	
2-Hexanone	20.0	15.6	78	53 - 121	
MTBE	20.0	15.9	79	71 - 115	
Freon TF	20.0	17.4	87	47 - 139	
Methyl acetate	20.0	13.5	68	50 - 151	
1,4-Dioxane	150	168	112	52 - 126	
Trichloroethene	20.0	19.8	99	78 - 119	
Toluene	20.0	19.6	98	80 - 120	
trans-1,3-Dichloropropene	20.0	17.2	86	78 - 118	
4-Methyl-2-pentanone	20.0	15.4	77	53 - 120	
cis-1,3-Dichloropropene	20.0	17.7	88	80 - 120	
1,2-Dichlorobenzene	20.0	19.9	99	82 - 122	
1,3-Dichlorobenzene	20.0	19.9	100	81 - 126	
1,4-Dichlorobenzene	20.0	20.1	101	83 - 123	
1,2,4-Trichlorobenzene	20.0	20.0	100	66 - 120	
1,2,3-Trichlorobenzene	20.0	19.8	99	76 - 123	
1,2-Dichloropropane	20.0	19.7	99	80 - 120	
Methylcyclohexane	20.0	18.4	92	61 - 129	
Tetrachloroethene	20.0	20.2	101	68 - 139	
1,2-Dibromo-3-Chloropropane	20.0	15.4	77	70 - 116	
1,1,2,2-Tetrachloroethane	20.0	19.0	95	74 - 126	

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

Lab Control Sample - Batch: 460-128358

Method: 8260B

Preparation: 5030B

Lab Sample ID:	LCS 460-128358/10	Analysis Batch:	460-128358	Instrument ID:	VOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	p61670.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/19/2012 0137	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	09/19/2012 0137				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,2-Trichloroethane	20.0	19.1	95	79 - 119	
Dibromochloromethane	20.0	16.8	84	80 - 120	
1,2-Dibromoethane	20.0	19.4	97	78 - 118	
Dichlorodifluoromethane	20.0	19.7	98	46 - 145	
Bromochloromethane	20.0	18.9	95	80 - 121	
Bromodichloromethane	20.0	18.3	91	79 - 119	
Surrogate		% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		81		70 - 130	
Toluene-d8 (Surr)		86		70 - 130	
Bromofluorobenzene		97		70 - 130	

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-128358**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID:	460-44720-A-1 MS	Analysis Batch:	460-128358	Instrument ID:	VOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	p61671.d
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/19/2012 0222			Final Weight/Volume:	5 mL
Prep Date:	09/19/2012 0222				
Leach Date:	N/A				

MSD Lab Sample ID:	460-44720-A-1 MSD	Analysis Batch:	460-128358	Instrument ID:	VOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	p61672.d
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/19/2012 0246			Final Weight/Volume:	5 mL
Prep Date:	09/19/2012 0246				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Chloromethane	86	89	58 - 146	4	30		
Bromomethane	106	115	55 - 153	9	30		
Vinyl chloride	83	88	61 - 144	6	30		
Chloroethane	118	118	69 - 145	0	30		
Methylene Chloride	85	85	79 - 119	0	30		
Acetone	91	92	45 - 156	1	30		
Carbon disulfide	75	78	58 - 139	3	30		
Trichlorofluoromethane	117	119	69 - 147	2	30		
1,1-Dichloroethene	93	95	56 - 139	1	30		
1,1-Dichloroethane	87	87	78 - 122	0	30		
trans-1,2-Dichloroethene	88	89	75 - 122	1	30		
cis-1,2-Dichloroethene	94	92	80 - 120	2	30		
Chloroform	102	102	82 - 123	1	30		
2-Butanone	98	101	65 - 114	3	30		
1,2-Dichloroethane	101	102	74 - 118	1	30		
1,1,1-Trichloroethane	96	97	74 - 128	1	30		
Carbon tetrachloride	87	89	73 - 120	2	30		
Benzene	99	100	83 - 124	1	30		
Bromoform	72	73	73 - 123	1	30	F	
Styrene	95	96	69 - 112	1	30		
m&p-Xylene	95	97	76 - 120	1	30		
o-Xylene	95	97	78 - 118	2	30		
Ethylbenzene	94	95	79 - 126	1	30		
Chlorobenzene	97	98	81 - 121	1	30		
Cyclohexane	93	91	58 - 133	2	30		
Isopropylbenzene	97	99	80 - 125	2	30		
2-Hexanone	78	78	53 - 121	1	30		
MTBE	81	83	71 - 115	2	30		
Freon TF	88	89	47 - 139	0	30		
Methyl acetate	68	68	50 - 151	1	30		
1,4-Dioxane	118	114	52 - 126	3	30		
Trichloroethene	78	82	78 - 119	2	30		
Toluene	95	97	80 - 120	2	30		

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-128358**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID:	460-44720-A-1 MS	Analysis Batch:	460-128358	Instrument ID:	VOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	p61671.d
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/19/2012 0222			Final Weight/Volume:	5 mL
Prep Date:	09/19/2012 0222				
Leach Date:	N/A				

MSD Lab Sample ID:	460-44720-A-1 MSD	Analysis Batch:	460-128358	Instrument ID:	VOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	p61672.d
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/19/2012 0246			Final Weight/Volume:	5 mL
Prep Date:	09/19/2012 0246				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
trans-1,3-Dichloropropene	84	86	78 - 118	2	30		
4-Methyl-2-pentanone	74	76	53 - 120	3	30		
cis-1,3-Dichloropropene	86	87	80 - 120	1	30		
1,2-Dichlorobenzene	99	99	82 - 122	0	30		
1,3-Dichlorobenzene	97	99	81 - 126	2	30		
1,4-Dichlorobenzene	99	99	83 - 123	0	30		
1,2,4-Trichlorobenzene	99	99	66 - 120	0	30		
1,2,3-Trichlorobenzene	99	101	76 - 123	2	30		
1,2-Dichloropropane	98	97	80 - 120	0	30		
Methylcyclohexane	92	94	61 - 129	2	30		
Tetrachloroethene	97	98	68 - 139	1	30		
1,2-Dibromo-3-Chloropropane	80	81	70 - 116	1	30		
1,1,2,2-Tetrachloroethane	92	92	74 - 126	0	30		
1,1,2-Trichloroethane	93	93	79 - 119	0	30		
Dibromochloromethane	82	82	80 - 120	1	30		
1,2-Dibromoethane	96	96	78 - 118	1	30		
Dichlorodifluoromethane	96	99	46 - 145	3	30		
Bromochloromethane	97	95	80 - 121	1	30		
Bromodichloromethane	91	91	79 - 119	0	30		
Surrogate	MS % Rec		MSD % Rec		Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	86		83		70 - 130		
Toluene-d8 (Surr)	85		84		70 - 130		
Bromofluorobenzene	99		98		70 - 130		

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-128358**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 460-44720-A-1 MS
Client Matrix: Water
Dilution: 5.0
Analysis Date: 09/19/2012 0222
Prep Date: 09/19/2012 0222
Leach Date: N/A

Units: ug/L

MSD Lab Sample ID: 460-44720-A-1 MSD
Client Matrix: Water
Dilution: 5.0
Analysis Date: 09/19/2012 0246
Prep Date: 09/19/2012 0246
Leach Date: N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Chloromethane	0.10 U	100	100	85.5	89.1
Bromomethane	0.18 U	100	100	106	115
Vinyl chloride	0.14 U	100	100	83.0	88.0
Chloroethane	0.17 U	100	100	118	118
Methylene Chloride	0.18 U	100	100	84.5	84.6
Acetone	2.7 U	100	100	91.0	91.7
Carbon disulfide	0.13 U	100	100	75.4	77.7
Trichlorofluoromethane	0.15 U	100	100	117	119
1,1-Dichloroethene	0.17 J	100	100	93.6	95.0
1,1-Dichloroethane	0.13 U	100	100	87.0	86.9
trans-1,2-Dichloroethene	0.13 U	100	100	88.4	89.1
cis-1,2-Dichloroethene	12	100	100	106	104
Chloroform	0.080 U	100	100	102	102
2-Butanone	2.3 U	100	100	98.4	101
1,2-Dichloroethane	0.19 U	100	100	101	102
1,1,1-Trichloroethane	0.060 U	100	100	96.3	97.2
Carbon tetrachloride	0.060 U	100	100	87.2	89.2
Benzene	0.080 U	100	100	99.3	100
Bromoform	0.19 U	100	100	72.3	F 73.1
Styrene	0.12 U	100	100	94.5	95.6
m&p-Xylene	0.25 U	200	200	191	193
o-Xylene	0.13 U	100	100	95.1	97.2
Ethylbenzene	0.10 U	100	100	93.7	95.0
Chlorobenzene	0.11 U	100	100	97.1	98.0
Cyclohexane	0.16 U	100	100	92.7	90.7
Isopropylbenzene	0.080 U	100	100	97.0	99.2
2-Hexanone	0.50 U	100	100	78.0	78.4
MTBE	0.14 U	100	100	80.8	82.5
Freon TF	0.080 U	100	100	88.5	88.6
Methyl acetate	0.34 U	100	100	67.8	68.2
1,4-Dioxane	36	U 750	750	885	856
Trichloroethene	82	U 100	100	160	164
Toluene	0.15 U	100	100	94.9	97.2
trans-1,3-Dichloropropene	0.24 U	100	100	84.5	85.8
4-Methyl-2-pentanone	0.99 U	100	100	73.8	76.0
cis-1,3-Dichloropropene	0.18 U	100	100	86.4	87.3
1,2-Dichlorobenzene	0.21 U	100	100	98.8	98.7
1,3-Dichlorobenzene	0.14 U	100	100	96.7	98.9
1,4-Dichlorobenzene	0.23 U	100	100	98.6	99.0
1,2,4-Trichlorobenzene	0.34 U	100	100	99.4	99.5
1,2,3-Trichlorobenzene	0.51 U	100	100	99.2	101
1,2-Dichloropropane	0.090 U	100	100	97.6	97.2
Methylcyclohexane	0.14 U	100	100	92.4	94.2

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-128358**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID:	460-44720-A-1 MS	Units:	ug/L	MSD Lab Sample ID:	460-44720-A-1 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	5.0			Dilution:	5.0
Analysis Date:	09/19/2012 0222			Analysis Date:	09/19/2012 0246
Prep Date:	09/19/2012 0222			Prep Date:	09/19/2012 0246
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Tetrachloroethene	0.19 J	100	100	97.6	98.5
1,2-Dibromo-3-Chloropropane	0.40 U	100	100	80.4	81.1
1,1,2,2-Tetrachloroethane	0.16 U	100	100	92.0	92.4
1,1,2-Trichloroethane	0.19 U	100	100	93.5	93.3
Dibromochloromethane	0.20 U	100	100	82.3	81.6
1,2-Dibromoethane	0.28 U	100	100	96.4	95.7
Dichlorodifluoromethane	0.22 U	100	100	96.0	98.8
Bromochloromethane	0.27 U	100	100	96.6	95.4
Bromodichloromethane	0.12 U	100	100	90.6	91.0

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

Method Blank - Batch: 460-127373

**Method: 8270C
Preparation: 3541**

Lab Sample ID:	MB 460-127373/1-A	Analysis Batch:	460-127512	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-127373	Lab File ID:	u80439.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	09/12/2012 0221	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/11/2012 1256			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Phenol	44	U	44	330
2-Chlorophenol	43	U	43	330
2-Methylphenol	56	U	56	330
4-Methylphenol	65	U	65	330
Benzaldehyde	39	U	39	330
Acetophenone	51	U	51	330
Bis(2-chloroethyl)ether	4.5	U	4.5	33
2,2'-oxybis[1-chloropropane]	37	U	37	330
N-Nitrosodi-n-propylamine	5.5	U	5.5	33
Nitrobenzene	4.7	U	4.7	33
Hexachloroethane	3.7	U	3.7	33
Isophorone	40	U	40	330
2-Nitrophenol	37	U	37	330
2,4-Dimethylphenol	82	U	82	330
2,4-Dichlorophenol	48	U	48	330
Bis(2-chloroethoxy)methane	43	U	43	330
Naphthalene	38	U	38	330
4-Chloroaniline	88	U	88	330
Hexachlorobutadiene	8.1	U	8.1	67
Caprolactam	76	U	76	330
4-Chloro-3-methylphenol	50	U	50	330
2-Methylnaphthalene	42	U	42	330
Hexachlorobenzene	4.5	U	4.5	33
Hexachlorocyclopentadiene	39	U	39	330
2,4,6-Trichlorophenol	39	U	39	330
2,4,5-Trichlorophenol	43	U	43	330
Diphenyl	44	U	44	330
2-Chloronaphthalene	37	U	37	330
2-Nitroaniline	140	U	140	670
2,6-Dinitrotoluene	10	U	10	67
Dimethyl phthalate	39	U	39	330
Acenaphthylene	39	U	39	330
3-Nitroaniline	120	U	120	670
Acenaphthene	48	U	48	330
4-Nitrophenol	210	U	210	1000
2,4-Dinitrophenol	190	U	190	1000
Dibenzofuran	39	U	39	330
Diethyl phthalate	39	U	39	330
Fluorene	42	U	42	330
Fluoranthene	44	U	44	330
Di-n-butyl phthalate	41	U	41	330
2,4-Dinitrotoluene	11	U	11	67
4-Chlorophenyl phenyl ether	39	U	39	330
4-Nitroaniline	100	U	100	670
4,6-Dinitro-2-methylphenol	90	U	90	1000

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

Method Blank - Batch: 460-127373

**Method: 8270C
Preparation: 3541**

Lab Sample ID:	MB 460-127373/1-A	Analysis Batch:	460-127512	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-127373	Lab File ID:	u80439.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	09/12/2012 0221	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/11/2012 1256			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
4-Bromophenyl phenyl ether	33	U	33	330
Atrazine	51	U	51	330
Anthracene	40	U	40	330
Carbazole	39	U	39	330
Phenanthrene	42	U	42	330
Pentachlorophenol	99	U	99	1000
Pyrene	28	U	28	330
Chrysene	39	U	39	330
Benzo[k]fluoranthene	2.5	U	2.5	33
Benzo[g,h,i]perylene	24	U	24	330
Benzo[b]fluoranthene	2.1	U	2.1	33
Benzo[a]pyrene	2.3	U	2.3	33
Benzo[a]anthracene	2.3	U	2.3	33
N-Nitrosodiphenylamine	33	U	33	330
Butyl benzyl phthalate	30	U	30	330
Bis(2-ethylhexyl) phthalate	110	U	110	330
Di-n-octyl phthalate	21	U	21	330
Indeno[1,2,3-cd]pyrene	6.1	U	6.1	33
Dibenz(a,h)anthracene	4.2	U	4.2	33
3,3'-Dichlorobenzidine	120	U	120	670
1,2,4,5-Tetrachlorobenzene	44	U	44	330
2,3,4,6-Tetrachlorophenol	43	U	43	330

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5	94	38 - 105
Phenol-d5	94	41 - 118
Terphenyl-d14	95	16 - 151
2,4,6-Tribromophenol	98	10 - 120
2-Fluorophenol	100	37 - 125
2-Fluorobiphenyl	84	40 - 109

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

Lab Control Sample - Batch: 460-127373

Method: 8270C

Preparation: 3541

Lab Sample ID:	LCS 460-127373/2-A	Analysis Batch:	460-127512	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-127373	Lab File ID:	u80438.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	09/12/2012 0201	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/11/2012 1256			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phenol	6660	5050	76	54 - 115	
2-Chlorophenol	6660	5110	77	56 - 110	
2-Methylphenol	6660	4660	70	54 - 117	
4-Methylphenol	6660	4680	70	47 - 103	
Benzaldehyde	3330	1230	37	10 - 160	
Acetophenone	3330	1990	60	40 - 95	
Bis(2-chloroethyl)ether	3330	2020	61	44 - 101	
2,2'-oxybis[1-chloropropane]	3330	2180	66	45 - 102	
N-Nitrosodi-n-propylamine	3330	2360	71	42 - 107	
Nitrobenzene	3330	2290	69	42 - 106	
Hexachloroethane	3330	1940	58	45 - 90	
Isophorone	3330	2080	62	48 - 97	
2-Nitrophenol	6660	5030	75	55 - 101	
2,4-Dimethylphenol	6660	5270	79	56 - 112	
2,4-Dichlorophenol	6660	5020	75	58 - 115	
Bis(2-chloroethoxy)methane	3330	2440	73	51 - 100	
Naphthalene	3330	2430	73	53 - 94	
4-Chloroaniline	3330	1890	57	10 - 96	
Hexachlorobutadiene	3330	2350	70	45 - 98	
Caprolactam	3330	1800	54	10 - 127	
4-Chloro-3-methylphenol	6660	5260	79	55 - 117	
2-Methylnaphthalene	3330	2600	78	51 - 98	
Hexachlorobenzene	3330	2470	74	43 - 104	
Hexachlorocyclopentadiene	3330	1400	42	24 - 98	
2,4,6-Trichlorophenol	6660	5110	77	53 - 118	
2,4,5-Trichlorophenol	6660	4890	73	50 - 115	
Diphenyl	3330	2350	70	50 - 105	
2-Chloronaphthalene	3330	2340	70	51 - 102	
2-Nitroaniline	3330	2520	76	51 - 109	
2,6-Dinitrotoluene	3330	2520	76	51 - 115	
Dimethyl phthalate	3330	2510	75	52 - 112	
Acenaphthylene	3330	2260	68	51 - 103	
3-Nitroaniline	3330	2050	62	32 - 104	
Acenaphthene	3330	2380	71	46 - 100	
4-Nitrophenol	6660	5190	78	45 - 114	
2,4-Dinitrophenol	6660	2130	32	10 - 129	
Dibenzofuran	3330	2420	73	52 - 106	
Diethyl phthalate	3330	2480	75	52 - 114	
Fluorene	3330	2520	76	51 - 108	
Fluoranthene	3330	2720	82	49 - 108	
Di-n-butyl phthalate	3330	2580	77	50 - 108	
2,4-Dinitrotoluene	3330	2600	78	53 - 110	
4-Chlorophenyl phenyl ether	3330	2540	76	50 - 106	
4-Nitroaniline	3330	2470	74	45 - 106	
4,6-Dinitro-2-methylphenol	6660	2890	43	10 - 110	
4-Bromophenyl phenyl ether	3330	2510	75	44 - 102	

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

Lab Control Sample - Batch: 460-127373

Method: 8270C

Preparation: 3541

Lab Sample ID:	LCS 460-127373/2-A	Analysis Batch:	460-127512	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-127373	Lab File ID:	u80438.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	09/12/2012 0201	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/11/2012 1256			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Atrazine	3330	1500	45	30 - 100	
Anthracene	3330	2530	76	50 - 107	
Carbazole	3330	2750	82	49 - 104	
Phenanthrene	3330	2540	76	48 - 108	
Pentachlorophenol	6660	4600	69	19 - 113	
Pyrene	3330	2410	72	49 - 116	
Chrysene	3330	2400	72	45 - 114	
Benzo[k]fluoranthene	3330	2600	78	35 - 115	
Benzo[g,h,i]perylene	3330	2250	67	43 - 106	
Benzo[b]fluoranthene	3330	2340	70	33 - 96	
Benzo[a]pyrene	3330	2360	71	36 - 89	
Benzo[a]anthracene	3330	2330	70	46 - 112	
N-Nitrosodiphenylamine	3330	2510	75	49 - 106	
Butyl benzyl phthalate	3330	2420	73	49 - 117	
Bis(2-ethylhexyl) phthalate	3330	2520	76	49 - 119	
Di-n-octyl phthalate	3330	2620	79	40 - 106	
Indeno[1,2,3-cd]pyrene	3330	2000	60	43 - 109	
Dibenz(a,h)anthracene	3330	2190	66	43 - 107	
3,3'-Dichlorobenzidine	3330	1910	57	24 - 105	
1,2,4,5-Tetrachlorobenzene	3330	2020	61	70 - 130	*
2,3,4,6-Tetrachlorophenol	3330	2560	77	70 - 130	
Surrogate		% Rec		Acceptance Limits	
Nitrobenzene-d5		67		38 - 105	
Phenol-d5		69		41 - 118	
Terphenyl-d14		73		16 - 151	
2,4,6-Tribromophenol		74		10 - 120	
2-Fluorophenol		68		37 - 125	
2-Fluorobiphenyl		65		40 - 109	

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-127373**

**Method: 8270C
Preparation: 3541**

MS Lab Sample ID:	460-44386-B-1-E MS	Analysis Batch:	460-127512	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-127373	Lab File ID:	u80447.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/12/2012 0513			Final Weight/Volume:	1 mL
Prep Date:	09/11/2012 1256			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-44386-B-1-F MSD	Analysis Batch:	460-127512	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-127373	Lab File ID:	u80448.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	14.99 g
Analysis Date:	09/12/2012 0533			Final Weight/Volume:	1 mL
Prep Date:	09/11/2012 1256			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Phenol	98	96	54 - 115	2	30		
2-Chlorophenol	98	94	56 - 110	3	30		
2-Methylphenol	95	94	54 - 117	1	30		
4-Methylphenol	98	96	47 - 103	2	30		
Benzaldehyde	35	35	10 - 160	0	30		
Acetophenone	80	77	40 - 95	3	30		
Bis(2-chloroethyl)ether	78	74	44 - 101	5	30		
2,2'-oxybis[1-chloropropane]	85	83	45 - 102	2	30		
N-Nitrosodi-n-propylamine	94	92	42 - 107	2	30		
Nitrobenzene	80	77	42 - 106	3	30		
Hexachloroethane	74	72	45 - 90	2	30		
Isophorone	80	80	48 - 97	1	30		
2-Nitrophenol	88	91	55 - 101	3	30		
2,4-Dimethylphenol	101	99	56 - 112	1	30		
2,4-Dichlorophenol	95	93	58 - 115	2	30		
Bis(2-chloroethoxy)methane	88	89	51 - 100	2	30		
Naphthalene	85	85	53 - 94	1	30		
4-Chloroaniline	71	71	10 - 96	0	30		
Hexachlorobutadiene	75	81	45 - 98	8	30		
Caprolactam	78	83	10 - 127	6	30		
4-Chloro-3-methylphenol	107	108	55 - 117	1	30		
2-Methylnaphthalene	83	95	51 - 98	13	30		
Hexachlorobenzene	84	86	43 - 104	2	30		
Hexachlorocyclopentadiene	50	52	24 - 98	3	30		
2,4,6-Trichlorophenol	88	88	53 - 118	1	30		
2,4,5-Trichlorophenol	92	93	50 - 115	0	30		
Diphenyl	82	84	50 - 105	2	30		
2-Chloronaphthalene	83	80	51 - 102	4	30		
2-Nitroaniline	98	90	51 - 109	8	30		
2,6-Dinitrotoluene	101	97	51 - 115	4	30		
Dimethyl phthalate	95	96	52 - 112	0	30		
Acenaphthylene	85	87	51 - 103	3	30		
3-Nitroaniline	73	76	32 - 104	4	30		

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-127373**

**Method: 8270C
Preparation: 3541**

MS Lab Sample ID:	460-44386-B-1-E MS	Analysis Batch:	460-127512	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-127373	Lab File ID:	u80447.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/12/2012 0513			Final Weight/Volume:	1 mL
Prep Date:	09/11/2012 1256			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-44386-B-1-F MSD	Analysis Batch:	460-127512	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-127373	Lab File ID:	u80448.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	14.99 g
Analysis Date:	09/12/2012 0533			Final Weight/Volume:	1 mL
Prep Date:	09/11/2012 1256			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Acenaphthene	88	88	46 - 100	0	30		
4-Nitrophenol	100	94	45 - 114	6	30		
2,4-Dinitrophenol	68	56	10 - 129	19	30		
Dibenzofuran	93	96	52 - 106	2	30		
Diethyl phthalate	101	98	52 - 114	3	30		
Fluorene	99	95	51 - 108	4	30		
Fluoranthene	96	90	49 - 108	7	30		
Di-n-butyl phthalate	97	95	50 - 108	3	30		
2,4-Dinitrotoluene	98	99	53 - 110	1	30		
4-Chlorophenyl phenyl ether	92	98	50 - 106	6	30		
4-Nitroaniline	82	82	45 - 106	1	30		
4,6-Dinitro-2-methylphenol	82	76	10 - 110	7	30		
4-Bromophenyl phenyl ether	86	85	44 - 102	1	30		
Atrazine	62	57	30 - 100	8	30		
Anthracene	97	95	50 - 107	2	30		
Carbazole	97	95	49 - 104	2	30		
Phenanthrene	97	95	48 - 108	2	30		
Pentachlorophenol	61	59	19 - 113	4	30		
Pyrene	103	96	49 - 116	7	30		
Chrysene	97	94	45 - 114	3	30		
Benzo[k]fluoranthene	102	99	35 - 115	3	30		
Benzo[g,h,i]perylene	98	90	43 - 106	9	30		
Benzo[b]fluoranthene	90	85	33 - 96	6	30		
Benzo[a]pyrene	94	91	36 - 89	3	30	F	F
Benzo[a]anthracene	89	88	46 - 112	1	30		
N-Nitrosodiphenylamine	99	93	49 - 106	6	30		
Butyl benzyl phthalate	102	93	49 - 117	9	30		
Bis(2-ethylhexyl) phthalate	99	101	49 - 119	3	30		
Di-n-octyl phthalate	112	100	40 - 106	11	30	F	
Indeno[1,2,3-cd]pyrene	90	85	43 - 109	6	30		
Dibenz(a,h)anthracene	92	87	43 - 107	6	30		
3,3'-Dichlorobenzidine	58	56	24 - 105	4	30		
1,2,4,5-Tetrachlorobenzene	72	71	70 - 130	1	30		

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-127373

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-44386-B-1-E MS	Analysis Batch:	460-127512	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-127373	Lab File ID:	u80447.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/12/2012 0513			Final Weight/Volume:	1 mL
Prep Date:	09/11/2012 1256			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-44386-B-1-F MSD	Analysis Batch:	460-127512	Instrument ID:	BNAMS4
Client Matrix:	Solid	Prep Batch:	460-127373	Lab File ID:	u80448.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	14.99 g
Analysis Date:	09/12/2012 0533			Final Weight/Volume:	1 mL
Prep Date:	09/11/2012 1256			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	MS	% Rec.		RPD	RPD Limit	MS Qual	MSD Qual
		MSD	Limit				
2,3,4,6-Tetrachlorophenol	91	93	70 - 130	2	30		
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Surrogate		MS % Rec	MSD % Rec	Acceptance Limits			
Nitrobenzene-d5	82	83		38 - 105			
Phenol-d5	99	94		41 - 118			
Terphenyl-d14	103	98		16 - 151			
2,4,6-Tribromophenol	93	94		10 - 120			
2-Fluorophenol	91	90		37 - 125			
2-Fluorobiphenyl	76	79		40 - 109			

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-127373**

**Method: 8270C
Preparation: 3541**

MS Lab Sample ID:	460-44386-B-1-E MS	Units:	ug/Kg	MSD Lab Sample ID:	460-44386-B-1-F MSD
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/12/2012 0513			Analysis Date:	09/12/2012 0533
Prep Date:	09/11/2012 1256			Prep Date:	09/11/2012 1256
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Phenol	49	U	7340	7350	7230
2-Chlorophenol	48	U	7340	7350	7190
2-Methylphenol	62	U	7340	7350	6950
4-Methylphenol	72	U	7340	7350	7230
Benzaldehyde	43	U	3670	3670	1300
Acetophenone	56	U	3670	3670	2920
Bis(2-chloroethyl)ether	5.0	U	3670	3670	2850
2,2'-oxybis[1-chloropropane]	40	U	3670	3670	3120
N-Nitrosodi-n-propylamine	6.1	U	3670	3670	3460
Nitrobenzene	5.2	U	3670	3670	2940
Hexachloroethane	4.1	U	3670	3670	2710
Isophorone	44	U	3670	3670	2930
2-Nitrophenol	41	U	7340	7350	6470
2,4-Dimethylphenol	90	U	7340	7350	7390
2,4-Dichlorophenol	53	U	7340	7350	6990
Bis(2-chloroethoxy)methane	47	U	3670	3670	3220
Naphthalene	42	U	3670	3670	3100
4-Chloroaniline	96	U	3670	3670	2620
Hexachlorobutadiene	8.9	U	3670	3670	2750
Caprolactam	84	U	3670	3670	2870
4-Chloro-3-methylphenol	55	U	7340	7350	7820
2-Methylnaphthalene	47	U	3670	3670	3070
Hexachlorobenzene	5.0	U	3670	3670	3090
Hexachlorocyclopentadiene	43	U	3670	3670	1840
2,4,6-Trichlorophenol	43	U	7340	7350	6440
2,4,5-Trichlorophenol	47	U	7340	7350	6780
Diphenyl	49	U	3670	3670	3020
2-Chloronaphthalene	41	U	3670	3670	3060
2-Nitroaniline	150	U	3670	3670	3610
2,6-Dinitrotoluene	11	U	3670	3670	3700
Dimethyl phthalate	43	U	3670	3670	3490
Acenaphthylene	43	U	3670	3670	3110
3-Nitroaniline	130	U	3670	3670	2690
Acenaphthene	53	U	3670	3670	3230
4-Nitrophenol	230	U	7340	7350	7360
2,4-Dinitrophenol	210	U	7340	7350	5000
Dibenzofuran	43	U	3670	3670	3430
Diethyl phthalate	43	U	3670	3670	3690
Fluorene	47	U	3670	3670	3620
Fluoranthene	58	J	3670	3670	3600
Di-n-butyl phthalate	45	U	3670	3670	3570
2,4-Dinitrotoluene	12	U	3670	3670	3590
4-Chlorophenyl phenyl ether	43	U	3670	3670	3380
					3600

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-127373**

**Method: 8270C
Preparation: 3541**

MS Lab Sample ID:	460-44386-B-1-E MS	Units:	ug/Kg	MSD Lab Sample ID:	460-44386-B-1-F MSD
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/12/2012 0513			Analysis Date:	09/12/2012 0533
Prep Date:	09/11/2012 1256			Prep Date:	09/11/2012 1256
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
4-Nitroaniline	110 U	3670	3670	2990	3020
4,6-Dinitro-2-methylphenol	99 U	7340	7350	6050	5610
4-Bromophenyl phenyl ether	36 U	3670	3670	3160	3120
Atrazine	56 U	3670	3670	2260	2080
Anthracene	44 U	3670	3670	3540	3490
Carbazole	43 U	3670	3670	3560	3480
Phenanthrene	46 U	3670	3670	3560	3480
Pentachlorophenol	110 U	7340	7350	4480	4310
Pyrene	52 J	3670	3670	3840	3580
Chrysene	42 J	3670	3670	3560	3450
Benzo[k]fluoranthene	27 J	3670	3670	3780	3670
Benzo[g,h,i]perylene	27 U	3670	3670	3590	3300
Benzo[b]fluoranthene	41	3670	3670	3350	3170
Benzo[a]pyrene	32 J	3670	3670	3470 F	3360 F
Benzo[a]anthracene	32 J	3670	3670	3300	3260
N-Nitrosodiphenylamine	36 U	3670	3670	3630	3400
Butyl benzyl phthalate	33 U	3670	3670	3750	3420
Bis(2-ethylhexyl) phthalate	120 U	3670	3670	3620	3730
Di-n-octyl phthalate	23 U	3670	3670	4110 F	3680
Indeno[1,2,3-cd]pyrene	17 J	3670	3670	3300	3130
Dibenz(a,h)anthracene	4.6 U	3670	3670	3370	3180
3,3'-Dichlorobenzidine	130 U	3670	3670	2140	2060
1,2,4,5-Tetrachlorobenzene	49 U	3670	3670	2630	2600
2,3,4,6-Tetrachlorophenol	47 U	3670	3670	3360	3420

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

Method Blank - Batch: 460-127814

Method: 8270C

Preparation: 3510C

Lab Sample ID:	MB 460-127814/1-A	Analysis Batch:	460-128115	Instrument ID:	BNAMS5
Client Matrix:	Water	Prep Batch:	460-127814	Lab File ID:	x30159.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	09/17/2012 0125	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	09/14/2012 0804			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Phenol	0.81	U	0.81	10
2-Chlorophenol	2.2	U	2.2	10
2-Methylphenol	1.8	U	1.8	10
4-Methylphenol	1.6	U	1.6	10
Benzaldehyde	2.0	U	2.0	10
Acetophenone	2.7	U	2.7	10
Bis(2-chloroethyl)ether	0.28	U	0.28	1.0
2,2'-oxybis[1-chloropropane]	2.0	U	2.0	10
N-Nitrosodi-n-propylamine	0.25	U	0.25	1.0
Nitrobenzene	0.30	U	0.30	1.0
Hexachloroethane	0.25	U	0.25	1.0
Isophorone	2.7	U	2.7	10
2-Nitrophenol	2.4	U	2.4	10
2,4-Dimethylphenol	3.4	U	3.4	10
2,4-Dichlorophenol	2.6	U	2.6	10
Bis(2-chloroethoxy)methane	2.6	U	2.6	10
Naphthalene	2.7	U	2.7	10
4-Chloroaniline	2.0	U	2.0	10
Hexachlorobutadiene	0.57	U	0.57	2.0
Caprolactam	2.5	U	2.5	10
4-Chloro-3-methylphenol	2.5	U	2.5	10
2-Methylnaphthalene	3.0	U	3.0	10
Hexachlorobenzene	0.29	U	0.29	1.0
Hexachlorocyclopentadiene	1.7	U	1.7	10
2,4,6-Trichlorophenol	2.4	U	2.4	10
2,4,5-Trichlorophenol	2.6	U	2.6	10
Diphenyl	2.8	U	2.8	10
2-Chloronaphthalene	2.7	U	2.7	10
2-Nitroaniline	4.9	U	4.9	20
2,6-Dinitrotoluene	0.61	U	0.61	2.0
Dimethyl phthalate	2.8	U	2.8	10
Acenaphthylene	2.7	U	2.7	10
3-Nitroaniline	5.0	U	5.0	20
Acenaphthene	2.7	U	2.7	10
4-Nitrophenol	6.7	U	6.7	30
2,4-Dinitrophenol	5.4	U	5.4	30
Dibenzofuran	2.8	U	2.8	10
Diethyl phthalate	2.9	U	2.9	10
Fluorene	2.8	U	2.8	10
Fluoranthene	3.2	U	3.2	10
Di-n-butyl phthalate	2.9	U	2.9	10
2,4-Dinitrotoluene	0.47	U	0.47	2.0
4-Chlorophenyl phenyl ether	2.5	U	2.5	10
4-Nitroaniline	5.8	U	5.8	20
4,6-Dinitro-2-methylphenol	4.7	U	4.7	30

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

Method Blank - Batch: 460-127814**Method: 8270C****Preparation: 3510C**

Lab Sample ID:	MB 460-127814/1-A	Analysis Batch:	460-128115	Instrument ID:	BNAMS5
Client Matrix:	Water	Prep Batch:	460-127814	Lab File ID:	x30159.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	09/17/2012 0125	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	09/14/2012 0804			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
4-Bromophenyl phenyl ether	2.5	U	2.5	10
Atrazine	3.0	U	3.0	10
Anthracene	2.8	U	2.8	10
Carbazole	3.2	U	3.2	10
Phenanthrene	3.1	U	3.1	10
Pentachlorophenol	5.3	U	5.3	30
Pyrene	2.9	U	2.9	10
Chrysene	3.1	U	3.1	10
Benzo[k]fluoranthene	0.26	U	0.26	1.0
Benzo[g,h,i]perylene	2.0	U	2.0	10
Benzo[b]fluoranthene	0.26	U	0.26	1.0
Benzo[a]pyrene	0.14	U	0.14	1.0
Benzo[a]anthracene	0.27	U	0.27	1.0
N-Nitrosodiphenylamine	2.9	U	2.9	10
Butyl benzyl phthalate	2.5	U	2.5	10
Bis(2-ethylhexyl) phthalate	2.0	U	2.0	10
Di-n-octyl phthalate	1.5	U	1.5	10
Indeno[1,2,3-cd]pyrene	0.15	U	0.15	1.0
Dibenz(a,h)anthracene	0.090	U	0.090	1.0
3,3'-Dichlorobenzidine	4.9	U	4.9	20
1,2,4,5-Tetrachlorobenzene	2.6	U	2.6	10
2,3,4,6-Tetrachlorophenol	2.5	U	2.5	10

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5	102	56 - 112
Phenol-d5	27	10 - 48
Terphenyl-d14	103	50 - 122
2,4,6-Tribromophenol	101	46 - 122
2-Fluorophenol	44	10 - 65
2-Fluorobiphenyl	99	53 - 108

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-127814**

**Method: 8270C
Preparation: 3510C**

LCS Lab Sample ID:	LCS 460-127814/2-A	Analysis Batch:	460-128299	Instrument ID:	BNAMS5
Client Matrix:	Water	Prep Batch:	460-127814	Lab File ID:	x30176.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	09/17/2012 1342	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	09/14/2012 0804			Injection Volume:	1 uL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-127814/3-A	Analysis Batch:	460-128115	Instrument ID:	BNAMS5
Client Matrix:	Water	Prep Batch:	460-127814	Lab File ID:	x30161.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	09/17/2012 0215	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	09/14/2012 0804			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	% Rec.					
	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual
Phenol	27	32	12 - 44	19	30	
2-Chlorophenol	81	90	53 - 101	11	30	
2-Methylphenol	65	75	40 - 90	15	30	
4-Methylphenol	54	64	30 - 75	18	30	
Benzaldehyde	137	89	52 - 150	42	30	*
Acetophenone	87	93	68 - 109	7	30	
Bis(2-chloroethyl)ether	84	91	62 - 108	8	30	
2,2'-oxybis[1-chloropropane]	90	97	68 - 107	8	30	
N-Nitrosodi-n-propylamine	87	94	70 - 109	8	30	
Nitrobenzene	89	94	66 - 106	6	30	
Hexachloroethane	86	94	50 - 99	9	30	
Isophorone	87	91	68 - 108	5	30	
2-Nitrophenol	90	96	65 - 107	6	30	
2,4-Dimethylphenol	79	88	55 - 100	10	30	
2,4-Dichlorophenol	90	96	64 - 107	7	30	
Bis(2-chloroethoxy)methane	91	97	69 - 108	6	30	
Naphthalene	89	95	63 - 101	6	30	
4-Chloroaniline	77	78	58 - 105	2	30	
Hexachlorobutadiene	84	91	52 - 99	7	30	
Caprolactam	15	19	10 - 30	20	30	
4-Chloro-3-methylphenol	84	89	57 - 106	6	30	
2-Methylnaphthalene	88	93	66 - 102	5	30	
Hexachlorobenzene	89	99	65 - 107	11	30	
Hexachlorocyclopentadiene	70	84	40 - 105	18	30	
2,4,6-Trichlorophenol	91	99	67 - 111	8	30	
2,4,5-Trichlorophenol	95	102	67 - 114	7	30	
Diphenyl	91	101	66 - 112	10	30	
2-Chloronaphthalene	92	101	65 - 107	9	30	
2-Nitroaniline	96	101	73 - 116	6	30	
2,6-Dinitrotoluene	94	98	68 - 114	5	30	
Dimethyl phthalate	93	98	69 - 111	5	30	
Acenaphthylene	90	96	67 - 107	6	30	
3-Nitroaniline	89	89	59 - 108	1	30	
Acenaphthene	89	96	66 - 108	7	30	
4-Nitrophenol	26	31	10 - 44	17	30	J
2,4-Dinitrophenol	74	81	19 - 113	10	30	

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-127814**

**Method: 8270C
Preparation: 3510C**

LCS Lab Sample ID:	LCS 460-127814/2-A	Analysis Batch:	460-128299	Instrument ID:	BNAMS5
Client Matrix:	Water	Prep Batch:	460-127814	Lab File ID:	x30176.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	09/17/2012 1342	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	09/14/2012 0804			Injection Volume:	1 uL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-127814/3-A	Analysis Batch:	460-128115	Instrument ID:	BNAMS5
Client Matrix:	Water	Prep Batch:	460-127814	Lab File ID:	x30161.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	09/17/2012 0215	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	09/14/2012 0804			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	% Rec.		RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD				
Dibenzofuran	91	97	68 - 105	7	30	
Diethyl phthalate	94	95	66 - 109	2	30	
Fluorene	92	97	68 - 105	5	30	
Fluoranthene	95	95	68 - 108	0	30	
Di-n-butyl phthalate	95	97	68 - 111	2	30	
2,4-Dinitrotoluene	95	94	65 - 113	1	30	
4-Chlorophenyl phenyl ether	93	99	68 - 105	7	30	
4-Nitroaniline	96	92	49 - 119	5	30	
4,6-Dinitro-2-methylphenol	88	97	58 - 115	10	30	
4-Bromophenyl phenyl ether	91	101	66 - 110	10	30	
Atrazine	81	82	56 - 116	2	30	
Anthracene	90	97	68 - 108	8	30	
Carbazole	94	99	67 - 110	5	30	
Phenanthrene	91	99	68 - 110	8	30	
Pentachlorophenol	86	97	55 - 116	13	30	
Pyrene	85	94	61 - 110	10	30	
Chrysene	91	98	68 - 112	8	30	
Benzo[k]fluoranthene	92	98	66 - 114	6	30	
Benzo[g,h,i]perylene	93	108	65 - 134	15	30	
Benzo[b]fluoranthene	83	92	65 - 111	10	30	
Benzo[a]pyrene	89	96	58 - 101	8	30	
Benzo[a]anthracene	88	93	65 - 106	6	30	
N-Nitrosodiphenylamine	93	105	71 - 121	12	30	
Butyl benzyl phthalate	94	96	66 - 115	2	30	
Bis(2-ethylhexyl) phthalate	94	94	66 - 114	0	30	
Di-n-octyl phthalate	86	80	51 - 115	7	30	
Indeno[1,2,3-cd]pyrene	82	85	68 - 121	3	30	
Dibenz(a,h)anthracene	88	96	67 - 124	9	30	
3,3'-Dichlorobenzidine	95	88	69 - 129	7	30	
1,2,4,5-Tetrachlorobenzene	86	95	70 - 130	10	30	
2,3,4,6-Tetrachlorophenol	92	96	70 - 130	4	30	

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Nitrobenzene-d5	92	97	56 - 112
Phenol-d5	25	31	10 - 48
Terphenyl-d14	84	93	50 - 122

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
2,4,6-Tribromophenol	90	93	46 - 122
2-Fluorophenol	43	50	10 - 65
2-Fluorobiphenyl	88	97	53 - 108

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

**Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-127814**

**Method: 8270C
Preparation: 3510C**

LCS Lab Sample ID:	LCS 460-127814/2-A	Units:	ug/L	LCS Lab Sample ID:	LCSD 460-127814/3-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/17/2012 1342			Analysis Date:	09/17/2012 0215
Prep Date:	09/14/2012 0804			Prep Date:	09/14/2012 0804
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Phenol	100	100	26.6	32.1
2-Chlorophenol	100	100	81.0	90.4
2-Methylphenol	100	100	64.6	75.2
4-Methylphenol	100	100	53.6	64.4
Benzaldehyde	100	100	137	89.2 *
Acetophenone	100	100	87.1	93.1
Bis(2-chloroethyl)ether	100	100	84.1	90.9
2,2'-oxybis[1-chloropropane]	100	100	90.2	97.5
N-Nitrosodi-n-propylamine	100	100	87.1	94.2
Nitrobenzene	100	100	89.0	94.4
Hexachloroethane	100	100	85.7	93.6
Isophorone	100	100	86.7	90.8
2-Nitrophenol	100	100	90.3	96.4
2,4-Dimethylphenol	100	100	78.9	87.6
2,4-Dichlorophenol	100	100	89.7	96.3
Bis(2-chloroethoxy)methane	100	100	91.2	97.0
Naphthalene	100	100	88.9	94.5
4-Chloroaniline	100	100	76.6	78.1
Hexachlorobutadiene	100	100	84.4	90.9
Caprolactam	100	100	15.3	18.7
4-Chloro-3-methylphenol	100	100	83.6	89.0
2-Methylnaphthalene	100	100	88.0	92.6
Hexachlorobenzene	100	100	89.1	99.2
Hexachlorocyclopentadiene	100	100	70.5	84.2
2,4,6-Trichlorophenol	100	100	91.1	98.9
2,4,5-Trichlorophenol	100	100	95.2	102
Diphenyl	100	100	91.2	101
2-Chloronaphthalene	100	100	92.2	101
2-Nitroaniline	100	100	95.9	101
2,6-Dinitrotoluene	100	100	93.7	98.3
Dimethyl phthalate	100	100	93.3	97.9
Acenaphthylene	100	100	90.1	95.7
3-Nitroaniline	100	100	88.9	89.4
Acenaphthene	100	100	89.5	95.7
4-Nitrophenol	100	100	26.4 J	31.3
2,4-Dinitrophenol	100	100	73.9	81.5
Dibenzofuran	100	100	91.2	97.4
Diethyl phthalate	100	100	93.5	95.5
Fluorene	100	100	92.5	97.4

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

**Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-127814**

**Method: 8270C
Preparation: 3510C**

LCS Lab Sample ID:	LCS 460-127814/2-A	Units:	ug/L	LCSD Lab Sample ID:	LCSD 460-127814/3-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/17/2012 1342			Analysis Date:	09/17/2012 0215
Prep Date:	09/14/2012 0804			Prep Date:	09/14/2012 0804
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Fluoranthene	100	100	94.7	94.9
Di-n-butyl phthalate	100	100	95.4	97.1
2,4-Dinitrotoluene	100	100	95.0	94.4
4-Chlorophenyl phenyl ether	100	100	92.6	99.0
4-Nitroaniline	100	100	96.5	91.8
4,6-Dinitro-2-methylphenol	100	100	87.6	97.0
4-Bromophenyl phenyl ether	100	100	91.2	101
Atrazine	100	100	80.7	82.2
Anthracene	100	100	90.1	97.3
Carbazole	100	100	93.8	99.0
Phenanthrene	100	100	91.0	98.8
Pentachlorophenol	100	100	85.7	97.4
Pyrene	100	100	84.9	93.7
Chrysene	100	100	91.0	98.4
Benzo[k]fluoranthene	100	100	92.4	98.1
Benzo[g,h,i]perylene	100	100	93.2	108
Benzo[b]fluoranthene	100	100	82.7	91.6
Benzo[a]pyrene	100	100	89.0	96.3
Benzo[a]anthracene	100	100	88.0	93.0
N-Nitrosodiphenylamine	100	100	93.1	105
Butyl benzyl phthalate	100	100	93.9	95.9
Bis(2-ethylhexyl) phthalate	100	100	94.2	94.5
Di-n-octyl phthalate	100	100	86.0	80.0
Indeno[1,2,3-cd]pyrene	100	100	82.5	84.9
Dibenz(a,h)anthracene	100	100	87.8	96.0
3,3'-Dichlorobenzidine	100	100	94.9	88.3
1,2,4,5-Tetrachlorobenzene	100	100	85.8	94.6
2,3,4,6-Tetrachlorophenol	100	100	92.4	96.4

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

Method Blank - Batch: 460-127381**Method: 8081A****Preparation: 3510C**

Lab Sample ID:	MB 460-127381/1-A	Analysis Batch:	460-127690	Instrument ID:	PESTGC1
Client Matrix:	Water	Prep Batch:	460-127381	Lab File ID:	xr138663.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	09/12/2012 1222	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	09/11/2012 1350			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aldrin	0.010	U	0.010	0.050
alpha-BHC	0.010	U	0.010	0.050
beta-BHC	0.011	U	0.011	0.050
delta-BHC	0.0090	U	0.0090	0.050
gamma-BHC (Lindane)	0.012	U	0.012	0.050
Chlordane	0.33	U	0.33	0.50
4,4'-DDD	0.011	U	0.011	0.050
4,4'-DDE	0.0090	U	0.0090	0.050
4,4'-DDT	0.010	U	0.010	0.050
Dieldrin	0.0050	U	0.0050	0.050
Endosulfan I	0.0090	U	0.0090	0.050
Endosulfan II	0.010	U	0.010	0.050
Endosulfan sulfate	0.016	U	0.016	0.050
Endrin	0.010	U	0.010	0.050
Endrin aldehyde	0.0090	U	0.0090	0.050
Endrin ketone	0.011	U	0.011	0.050
Heptachlor	0.010	U	0.010	0.050
Heptachlor epoxide	0.010	U	0.010	0.050
Methoxychlor	0.013	U	0.013	0.050
Toxaphene	0.20	U	0.20	0.50

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	108	49 - 132
DCB Decachlorobiphenyl	100	37 - 144
Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	83	49 - 132
DCB Decachlorobiphenyl	92	37 - 144

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-127381**

**Method: 8081A
Preparation: 3510C**

LCS Lab Sample ID:	LCS 460-127381/2-A	Analysis Batch:	460-127690	Instrument ID:	PESTGC1
Client Matrix:	Water	Prep Batch:	460-127381	Lab File ID:	xf138656.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	09/12/2012 1045	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	09/11/2012 1350			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

LCSD Lab Sample ID:	LCSD 460-127381/3-A	Analysis Batch:	460-127690	Instrument ID:	PESTGC1
Client Matrix:	Water	Prep Batch:	460-127381	Lab File ID:	xf138657.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	09/12/2012 1059	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	09/11/2012 1350			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	% Rec.		RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD				
Aldrin	92	102	61 - 122	10	30	
alpha-BHC	90	101	63 - 122	11	30	
beta-BHC	89	99	64 - 119	11	30	
delta-BHC	89	101	62 - 124	13	30	
gamma-BHC (Lindane)	89	101	59 - 121	12	30	
4,4'-DDD	100	111	68 - 136	10	30	
4,4'-DDE	94	105	66 - 132	10	30	
4,4'-DDT	79	88	66 - 132	11	30	
Dieldrin	84	94	62 - 112	12	30	
Endosulfan I	91	101	64 - 123	11	30	
Endosulfan II	88	98	63 - 116	11	30	
Endosulfan sulfate	83	95	56 - 121	14	30	
Endrin	84	91	42 - 138	8	30	
Endrin aldehyde	89	100	56 - 119	12	30	
Endrin ketone	93	104	62 - 125	11	30	
Heptachlor	88	98	61 - 118	10	30	
Heptachlor epoxide	90	99	64 - 120	11	30	
Methoxychlor	84	94	56 - 125	11	30	
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits	
Tetrachloro-m-xylene	107		108		49 - 132	
DCB Decachlorobiphenyl	87		87		37 - 144	

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-127381**

**Method: 8081A
Preparation: 3510C**

LCS Lab Sample ID:	LCS 460-127381/2-A	Analysis Batch:	460-127690	Instrument ID:	PESTGC1
Client Matrix:	Water	Prep Batch:	460-127381	Lab File ID:	xr138656.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	09/12/2012 1045	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	09/11/2012 1350			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

LCSD Lab Sample ID:	LCSD 460-127381/3-A	Analysis Batch:	460-127690	Instrument ID:	PESTGC1
Client Matrix:	Water	Prep Batch:	460-127381	Lab File ID:	xr138657.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	09/12/2012 1059	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	09/11/2012 1350			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Aldrin	85	89	61 - 122	5	30		
alpha-BHC	79	85	63 - 122	7	30		
beta-BHC	79	87	64 - 119	9	30		
delta-BHC	79	85	62 - 124	8	30		
gamma-BHC (Lindane)	78	83	59 - 121	7	30		
4,4'-DDD	95	100	68 - 136	5	30		
4,4'-DDE	89	93	66 - 132	4	30		
4,4'-DDT	76	81	66 - 132	6	30		
Dieldrin	80	84	62 - 112	5	30		
Endosulfan I	83	89	64 - 123	6	30		
Endosulfan II	82	86	63 - 116	6	30		
Endosulfan sulfate	78	85	56 - 121	8	30		
Endrin	80	82	42 - 138	3	30		
Endrin aldehyde	85	92	56 - 119	8	30		
Endrin ketone	83	91	62 - 125	9	30		
Heptachlor	81	85	61 - 118	5	30		
Heptachlor epoxide	83	87	64 - 120	5	30		
Methoxychlor	77	82	56 - 125	6	30		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Tetrachloro-m-xylene	103		106		49 - 132		
DCB Decachlorobiphenyl	86		86		37 - 144		

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

Laboratory Control/ Laboratory Duplicate Data Report - Batch: 460-127381

Method: 8081A
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-127381/2-A	Units:	ug/L	LCSD Lab Sample ID:	LCSD 460-127381/3-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/12/2012 1045			Analysis Date:	09/12/2012 1059
Prep Date:	09/11/2012 1350			Prep Date:	09/11/2012 1350
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Aldrin	2.00	2.00	1.84	2.04
alpha-BHC	2.00	2.00	1.80	2.01
beta-BHC	2.00	2.00	1.77	1.98
delta-BHC	2.00	2.00	1.79	2.03
gamma-BHC (Lindane)	2.00	2.00	1.79	2.01
4,4'-DDD	2.00	2.00	2.01	2.22
4,4'-DDE	2.00	2.00	1.89	2.09
4,4'-DDT	2.00	2.00	1.58	1.76
Dieldrin	2.00	2.00	1.67	1.88
Endosulfan I	2.00	2.00	1.82	2.03
Endosulfan II	2.00	2.00	1.77	1.97
Endosulfan sulfate	2.00	2.00	1.66	1.91
Endrin	2.00	2.00	1.69	1.82
Endrin aldehyde	2.00	2.00	1.77	2.01
Endrin ketone	2.00	2.00	1.86	2.07
Heptachlor	2.00	2.00	1.76	1.95
Heptachlor epoxide	2.00	2.00	1.79	1.99
Methoxychlor	2.00	2.00	1.68	1.87

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

Laboratory Control/ Laboratory Duplicate Data Report - Batch: 460-127381

Method: 8081A
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-127381/2-A	Units:	ug/L	LCSD Lab Sample ID:	LCSD 460-127381/3-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/12/2012 1045			Analysis Date:	09/12/2012 1059
Prep Date:	09/11/2012 1350			Prep Date:	09/11/2012 1350
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Aldrin	2.00	2.00	1.69	1.77
alpha-BHC	2.00	2.00	1.59	1.71
beta-BHC	2.00	2.00	1.59	1.74
delta-BHC	2.00	2.00	1.57	1.70
gamma-BHC (Lindane)	2.00	2.00	1.56	1.67
4,4'-DDD	2.00	2.00	1.90	2.00
4,4'-DDE	2.00	2.00	1.78	1.86
4,4'-DDT	2.00	2.00	1.53	1.63
Dieldrin	2.00	2.00	1.59	1.68
Endosulfan I	2.00	2.00	1.67	1.77
Endosulfan II	2.00	2.00	1.63	1.73
Endosulfan sulfate	2.00	2.00	1.57	1.69
Endrin	2.00	2.00	1.59	1.64
Endrin aldehyde	2.00	2.00	1.70	1.84
Endrin ketone	2.00	2.00	1.67	1.82
Heptachlor	2.00	2.00	1.62	1.70
Heptachlor epoxide	2.00	2.00	1.66	1.74
Methoxychlor	2.00	2.00	1.55	1.65

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

Method Blank - Batch: 460-127454

Method: 8081A

Preparation: 3541

Lab Sample ID:	MB 460-127454/1-A	Analysis Batch:	460-127675	Instrument ID:	PESTGC4
Client Matrix:	Solid	Prep Batch:	460-127454	Lab File ID:	WR706773.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/12/2012 1524	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	09/12/2012 0233			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aldrin	1.5	U	1.5	6.7
alpha-BHC	1.2	U	1.2	6.7
beta-BHC	0.91	U	0.91	6.7
delta-BHC	1.0	U	1.0	6.7
gamma-BHC (Lindane)	0.78	U	0.78	6.7
Chlordane	15	U	15	67
4,4'-DDD	0.80	U	0.80	6.7
4,4'-DDE	1.3	U	1.3	6.7
4,4'-DDT	0.84	U	0.84	6.7
Dieldrin	1.3	U	1.3	6.7
Endosulfan I	1.4	U	1.4	6.7
Endosulfan II	1.0	U	1.0	6.7
Endosulfan sulfate	0.86	U	0.86	6.7
Endrin	0.94	U	0.94	6.7
Endrin aldehyde	1.7	U	1.7	6.7
Endrin ketone	0.99	U	0.99	6.7
Heptachlor	0.96	U	0.96	6.7
Heptachlor epoxide	1.4	U	1.4	6.7
Methoxychlor	0.75	U	0.75	6.7
Toxaphene	14	U	14	67

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	94	40 - 150
DCB Decachlorobiphenyl	98	53 - 150

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	85	40 - 150
DCB Decachlorobiphenyl	96	53 - 150

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

Lab Control Sample - Batch: 460-127454

Method: 8081A

Preparation: 3541

Lab Sample ID:	LCS 460-127454/2-A	Analysis Batch:	460-127675	Instrument ID:	PESTGC4
Client Matrix:	Solid	Prep Batch:	460-127454	Lab File ID:	WR706755.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/12/2012 1114	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	09/12/2012 0233			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aldrin	133	123	92	58 - 143	
alpha-BHC	133	119	89	58 - 138	
beta-BHC	133	122	91	60 - 139	
delta-BHC	133	117	88	60 - 141	
gamma-BHC (Lindane)	133	118	89	58 - 136	
4,4'-DDD	133	131	99	63 - 150	
4,4'-DDE	133	128	96	58 - 150	
4,4'-DDT	133	130	97	57 - 150	
Dieldrin	133	113	85	55 - 128	
Endosulfan I	133	139	104	60 - 138	
Endosulfan II	133	126	95	59 - 133	
Endosulfan sulfate	133	116	87	56 - 133	
Endrin	133	123	92	61 - 150	
Endrin aldehyde	133	121	91	55 - 122	
Endrin ketone	133	116	87	62 - 139	
Heptachlor	133	131	98	58 - 137	
Heptachlor epoxide	133	120	90	59 - 136	
Methoxychlor	133	153	115	42 - 150	
Surrogate		% Rec		Acceptance Limits	
Tetrachloro-m-xylene		95		40 - 150	
DCB Decachlorobiphenyl		100		53 - 150	

Lab Control Sample - Batch: 460-127454

Method: 8081A

Preparation: 3541

Lab Sample ID:	LCS 460-127454/2-A	Analysis Batch:	460-127675	Instrument ID:	PESTGC4
Client Matrix:	Solid	Prep Batch:	460-127454	Lab File ID:	WF706755.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/12/2012 1114	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	09/12/2012 0233			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aldrin	133	123	92	58 - 143	
alpha-BHC	133	114	85	58 - 138	
beta-BHC	133	120	90	60 - 139	
delta-BHC	133	114	85	60 - 141	
gamma-BHC (Lindane)	133	116	87	58 - 136	
4,4'-DDD	133	114	85	63 - 150	
4,4'-DDE	133	101	76	58 - 150	
4,4'-DDT	133	124	93	57 - 150	
Dieldrin	133	110	83	55 - 128	
Endosulfan I	133	123	93	60 - 138	

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

Lab Control Sample - Batch: 460-127454

Method: 8081A

Preparation: 3541

Lab Sample ID:	LCS 460-127454/2-A	Analysis Batch:	460-127675	Instrument ID:	PESTGC4
Client Matrix:	Solid	Prep Batch:	460-127454	Lab File ID:	WR706755.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/12/2012 1114	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	09/12/2012 0233			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Endosulfan II	133	123	92	59 - 133	
Endosulfan sulfate	133	111	83	56 - 133	
Endrin	133	122	92	61 - 150	
Endrin aldehyde	133	118	88	55 - 122	
Endrin ketone	133	114	85	62 - 139	
Heptachlor	133	123	92	58 - 137	
Heptachlor epoxide	133	119	89	59 - 136	
Methoxychlor	133	131	98	42 - 150	
Surrogate		% Rec		Acceptance Limits	
Tetrachloro-m-xylene		92		40 - 150	
DCB Decachlorobiphenyl		95		53 - 150	

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-127454**

**Method: 8081A
Preparation: 3541**

MS Lab Sample ID:	450-6512-A-6-D MS	Analysis Batch:	460-127675	Instrument ID:	PESTGC4
Client Matrix:	Solid	Prep Batch:	460-127454	Lab File ID:	WR706756.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	09/12/2012 1128			Final Weight/Volume:	10 mL
Prep Date:	09/12/2012 0233			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	450-6512-A-6-E MSD	Analysis Batch:	460-127675	Instrument ID:	PESTGC4
Client Matrix:	Solid	Prep Batch:	460-127454	Lab File ID:	WR706757.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	09/12/2012 1142			Final Weight/Volume:	10 mL
Prep Date:	09/12/2012 0233			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Aldrin	105	107	58 - 143	NC	30		
alpha-BHC	93	96	58 - 138	NC	30		
beta-BHC	101	102	60 - 139	NC	30		
delta-BHC	100	103	60 - 141	NC	30		
gamma-BHC (Lindane)	98	101	58 - 136	NC	30		
4,4'-DDD	122	124	63 - 150	NC	30		
4,4'-DDE	135	138	58 - 150	NC	30		
4,4'-DDT	117	115	57 - 150	NC	30		
Dieldrin	99	101	55 - 128	NC	30		
Endosulfan I	106	107	60 - 138	NC	30		
Endosulfan II	100	102	59 - 133	NC	30		
Endosulfan sulfate	102	104	56 - 133	NC	30		
Endrin	116	117	61 - 150	NC	30		
Endrin aldehyde	96	100	55 - 122	NC	30		
Endrin ketone	104	107	62 - 139	NC	30		
Heptachlor	108	109	58 - 137	NC	30		
Heptachlor epoxide	106	107	59 - 136	NC	30		
Methoxychlor	137	140	42 - 150	NC	30		
Surrogate	MS % Rec		MSD % Rec		Acceptance Limits		
Tetrachloro-m-xylene	103		112		40 - 150		
DCB Decachlorobiphenyl	117		121		53 - 150		

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-127454**

**Method: 8081A
Preparation: 3541**

MS Lab Sample ID:	450-6512-A-6-D MS	Analysis Batch:	460-127675	Instrument ID:	PESTGC4
Client Matrix:	Solid	Prep Batch:	460-127454	Lab File ID:	WF706756.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	09/12/2012 1128			Final Weight/Volume:	10 mL
Prep Date:	09/12/2012 0233			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

MSD Lab Sample ID:	450-6512-A-6-E MSD	Analysis Batch:	460-127675	Instrument ID:	PESTGC4
Client Matrix:	Solid	Prep Batch:	460-127454	Lab File ID:	WF706757.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	09/12/2012 1142			Final Weight/Volume:	10 mL
Prep Date:	09/12/2012 0233			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Aldrin	100	101	58 - 143	NC	30		
alpha-BHC	93	93	58 - 138	NC	30		
beta-BHC	97	98	60 - 139	NC	30		
delta-BHC	98	98	60 - 141	NC	30		
gamma-BHC (Lindane)	95	95	58 - 136	NC	30		
4,4'-DDD	120	113	63 - 150	NC	30		
4,4'-DDE	117	118	58 - 150	NC	30		
4,4'-DDT	108	109	57 - 150	NC	30		
Dieldrin	90	92	55 - 128	NC	30		
Endosulfan I	102	105	60 - 138	NC	30		
Endosulfan II	99	96	59 - 133	NC	30		
Endosulfan sulfate	101	103	56 - 133	NC	30		
Endrin	113	110	61 - 150	NC	30		
Endrin aldehyde	96	98	55 - 122	NC	30		
Endrin ketone	104	104	62 - 139	NC	30		
Heptachlor	106	108	58 - 137	NC	30		
Heptachlor epoxide	102	103	59 - 136	NC	30		
Methoxychlor	116	120	42 - 150	NC	30		
Surrogate		MS % Rec	MSD % Rec		Acceptance Limits		
Tetrachloro-m-xylene		97	101		40 - 150		
DCB Decachlorobiphenyl		95	101		53 - 150		

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-127454**

**Method: 8081A
Preparation: 3541**

MS Lab Sample ID:	450-6512-A-6-D MS	Units:	ug/Kg	MSD Lab Sample ID:	450-6512-A-6-E MSD
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/12/2012 1128			Analysis Date:	09/12/2012 1142
Prep Date:	09/12/2012 0233			Prep Date:	09/12/2012 0233
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Aldrin	1.8 U	161	161	168	172
alpha-BHC	1.5 U	161	161	151	154
beta-BHC	1.1 U	161	161	163	165
delta-BHC	1.2 U	161	161	161	166
gamma-BHC (Lindane)	0.94 U	161	161	158	162
4,4'-DDD	0.97 U	161	161	196	199
4,4'-DDE	1.6 U	161	161	218	221
4,4'-DDT	1.0 U	161	161	189	185
Dieldrin	5.7 J	161	161	165	167
Endosulfan I	1.7 U	161	161	170	172
Endosulfan II	1.2 U	161	161	161	164
Endosulfan sulfate	1.0 U	161	161	164	168
Endrin	1.1 U	161	161	186	187
Endrin aldehyde	2.0 U	161	161	154	160
Endrin ketone	1.2 U	161	161	168	171
Heptachlor	1.2 U	161	161	173	175
Heptachlor epoxide	1.6 U	161	161	170	172
Methoxychlor	0.91 U	161	161	221	224

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-127454**

**Method: 8081A
Preparation: 3541**

MS Lab Sample ID:	450-6512-A-6-D MS	Units:	ug/Kg	MSD Lab Sample ID:	450-6512-A-6-E MSD
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/12/2012 1128			Analysis Date:	09/12/2012 1142
Prep Date:	09/12/2012 0233			Prep Date:	09/12/2012 0233
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Aldrin	1.8 U	161	161	162	163
alpha-BHC	1.5 U	161	161	149	149
beta-BHC	1.1 U	161	161	157	157
delta-BHC	1.2 U	161	161	158	158
gamma-BHC (Lindane)	0.94 U	161	161	152	152
4,4'-DDD	0.97 U	161	161	193	181
4,4'-DDE	1.6 U	161	161	188	189
4,4'-DDT	1.0 U	161	161	174	176
Dieldrin	4.2 J	161	161	150	152
Endosulfan I	1.7 U	161	161	164	169
Endosulfan II	1.2 U	161	161	160	155
Endosulfan sulfate	1.0 U	161	161	162	166
Endrin	1.1 U	161	161	182	177
Endrin aldehyde	2.0 U	161	161	154	158
Endrin ketone	1.2 U	161	161	167	168
Heptachlor	1.2 U	161	161	170	173
Heptachlor epoxide	1.6 U	161	161	163	165
Methoxychlor	0.91 U	161	161	187	192

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

Method Blank - Batch: 460-127660**Method: 6010B****Preparation: 3010A**

Lab Sample ID:	MB 460-127660/1-A	Analysis Batch:	460-127809	Instrument ID:	ICP5
Client Matrix:	Water	Prep Batch:	460-127660	Lab File ID:	09132012A.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	09/14/2012 0024	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	09/13/2012 0952				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Aluminum	72.1	U	72.1	200
Antimony	7.4	U	7.4	10.0
Arsenic	3.7	U	3.7	5.0
Barium	5.9	U	5.9	200
Beryllium	0.78	U	0.78	2.0
Cadmium	0.82	U	0.82	5.0
Calcium	305	U	305	5000
Chromium	4.5	U	4.5	10.0
Cobalt	4.3	U	4.3	50.0
Copper	7.8	U	7.8	25.0
Iron	73.6	U	73.6	150
Lead	4.0	U	4.0	5.0
Magnesium	321	U	321	5000
Manganese	4.3	U	4.3	15.0
Nickel	5.0	U	5.0	40.0
Potassium	525	U	525	5000
Selenium	5.8	U	5.8	10.0
Silver	1.3	U	1.3	10.0
Sodium	821	U	821	5000
Thallium	5.2	U	5.2	10.0
Vanadium	4.0	U	4.0	50.0
Zinc	5.8	U	5.8	30.0

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

Lab Control Sample - Batch: 460-127660**Method: 6010B****Preparation: 3010A**

Lab Sample ID:	LCS 460-127660/2-A	Analysis Batch:	460-127809	Instrument ID:	ICP5
Client Matrix:	Water	Prep Batch:	460-127660	Lab File ID:	09132012A.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	09/14/2012 0011	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	09/13/2012 0952				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	2000	1893	95	80 - 120	
Antimony	500	473.6	95	80 - 120	
Arsenic	2000	1881	94	80 - 120	
Barium	2000	1985	99	80 - 120	
Beryllium	50.0	48.05	96	80 - 120	
Cadmium	50.0	49.08	98	80 - 120	
Calcium	20000	16900	85	80 - 120	
Chromium	200	192.9	96	80 - 120	
Cobalt	500	488.4	98	80 - 120	
Copper	250	240.3	96	80 - 120	
Iron	1000	979.6	98	80 - 120	
Lead	500	509.8	102	80 - 120	
Magnesium	20000	19250	96	80 - 120	
Manganese	500	498.9	100	80 - 120	
Nickel	500	494.2	99	80 - 120	
Potassium	20000	19290	96	80 - 120	
Selenium	2000	1845	92	80 - 120	
Silver	50.0	46.48	93	80 - 120	
Sodium	20000	21050	105	80 - 120	
Thallium	2000	2129	106	80 - 120	
Vanadium	500	472.7	95	80 - 120	
Zinc	500	476.5	95	80 - 120	

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

Matrix Spike - Batch: 460-127660**Method: 6010B****Preparation: 3010A**

Lab Sample ID:	460-44494-I-3-B MS	Analysis Batch:	460-127809	Instrument ID:	ICP5
Client Matrix:	Water	Prep Batch:	460-127660	Lab File ID:	09132012A.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	09/14/2012 0032	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	09/13/2012 0952				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	72.1	U	2000	1981	99	75 - 125
Antimony	7.4	U	500	489.4	98	75 - 125
Arsenic	3.7	U	2000	1945	97	75 - 125
Barium	28.7	J	2000	2039	101	75 - 125
Beryllium	0.78	U	50.0	48.55	97	75 - 125
Cadmium	0.82	U	50.0	49.85	100	75 - 125
Calcium	65300		20000	82350	85	75 - 125
Chromium	4.5	U	200	196.4	98	75 - 125
Cobalt	4.3	U	500	491.6	98	75 - 125
Copper	7.8	U	250	239.2	96	75 - 125
Iron	73.6	U	1000	1032	103	75 - 125
Lead	4.0	U	500	513.2	103	75 - 125
Magnesium	7860		20000	27040	96	75 - 125
Manganese	13.3	J	500	520.3	101	75 - 125
Nickel	5.0	U	500	497.8	100	75 - 125
Potassium	525	U	20000	19900	100	75 - 125
Selenium	5.8	U	2000	1896	95	75 - 125
Silver	1.3	U	50.0	47.42	95	75 - 125
Sodium	5340		20000	26360	105	75 - 125
Thallium	5.2	U	2000	2118	106	75 - 125
Vanadium	4.0	U	500	486.7	97	75 - 125
Zinc	5.8	U	500	488.2	98	75 - 125

Post Digestion Spike - Batch: 460-127660**Method: 6010B****Preparation: 3010A**

Lab Sample ID:	460-44494-I-3-A PDS	Analysis Batch:	460-127809	Instrument ID:	ICP5
Client Matrix:	Water	Prep Batch:	460-127660	Lab File ID:	09132012A.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	09/14/2012 0036	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	09/13/2012 0952				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	72.1	U	2000	1946	97	75 - 125
Antimony	7.4	U	500	481.8	96	75 - 125
Arsenic	3.7	U	2000	1909	95	75 - 125
Barium	28.7	J	2000	1992	98	75 - 125
Beryllium	0.78	U	50.0	47.95	96	75 - 125

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

Post Digestion Spike - Batch: 460-127660

Method: 6010B

Preparation: 3010A

Lab Sample ID:	460-44494-I-3-A PDS	Analysis Batch:	460-127809	Instrument ID:	ICP5
Client Matrix:	Water	Prep Batch:	460-127660	Lab File ID:	09132012A.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	09/14/2012 0036	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	09/13/2012 0952				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	0.82	U	50.0	48.72	97	75 - 125	
Calcium	65300		20000	80380	75	75 - 125	
Chromium	4.5	U	200	190.1	95	75 - 125	
Cobalt	4.3	U	500	480.3	96	75 - 125	
Copper	7.8	U	250	238.5	95	75 - 125	
Iron	73.6	U	1000	991.4	99	75 - 125	
Lead	4.0	U	500	502.3	100	75 - 125	
Magnesium	7860		20000	26320	92	75 - 125	
Manganese	13.3	J	500	504.7	98	75 - 125	
Nickel	5.0	U	500	486.6	97	75 - 125	
Potassium	525	U	20000	19600	98	75 - 125	
Selenium	5.8	U	2000	1857	93	75 - 125	
Silver	1.3	U	50.0	46.69	93	75 - 125	
Sodium	5340		20000	25980	103	75 - 125	
Thallium	5.2	U	2000	2074	104	75 - 125	
Vanadium	4.0	U	500	472.8	95	75 - 125	
Zinc	5.8	U	500	477.2	95	75 - 125	

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

Duplicate - Batch: 460-127660

Method: 6010B

Preparation: 3010A

Lab Sample ID:	460-44494-C-3-A DU	Analysis Batch:	460-127809	Instrument ID:	ICP5
Client Matrix:	Water	Prep Batch:	460-127660	Lab File ID:	09132012A.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	09/14/2012 0003	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	09/13/2012 0952				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Aluminum	72.1	U	72.1	NC	20	U
Antimony	7.4	U	7.4	NC	20	U
Arsenic	3.7	U	3.7	NC	20	U
Barium	28.7	J	28.35	1	20	J
Beryllium	0.78	U	0.78	NC	20	U
Cadmium	0.82	U	0.82	NC	20	U
Calcium	65300		63910	2	20	
Chromium	4.5	U	4.5	NC	20	U
Cobalt	4.3	U	4.3	NC	20	U
Copper	7.8	U	7.8	NC	20	U
Iron	73.6	U	73.6	NC	20	U
Lead	4.0	U	4.0	NC	20	U
Magnesium	7860		7760	1	20	
Manganese	13.3	J	13.28	0.2	20	J
Nickel	5.0	U	5.0	NC	20	U
Potassium	525	U	525	NC	20	U
Selenium	5.8	U	5.8	NC	20	U
Silver	1.3	U	1.3	NC	20	U
Sodium	5340		5327	0.3	20	
Thallium	5.2	U	5.2	NC	20	U
Vanadium	4.0	U	4.0	NC	20	U
Zinc	5.8	U	5.8	NC	20	U

Serial Dilution - Batch: 460-127660

Method: 6010B

Preparation: 3010A

Lab Sample ID:	460-44494-I-3-A SD ^5	Analysis Batch:	460-127809	Instrument ID:	ICP5
Client Matrix:	Water	Prep Batch:	460-127660	Lab File ID:	09132012A.asc
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	09/14/2012 0028	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	09/13/2012 0952				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Aluminum	72.1	U	361	NC	10	U
Antimony	7.4	U	36.8	NC	10	U
Arsenic	3.7	U	18.6	NC	10	U
Barium	28.7	J	29.7	NC	10	U
Beryllium	0.78	U	3.9	NC	10	U
Cadmium	0.82	U	4.1	NC	10	U
Calcium	65300		64450	1.3	10	

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

Serial Dilution - Batch: 460-127660

Method: 6010B

Preparation: 3010A

Lab Sample ID:	460-44494-I-3-A SD ^5	Analysis Batch:	460-127809	Instrument ID:	ICP5
Client Matrix:	Water	Prep Batch:	460-127660	Lab File ID:	09132012A.asc
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	09/14/2012 0028	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	09/13/2012 0952				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Chromium	4.5	U	22.3	NC	10	U
Cobalt	4.3	U	21.4	NC	10	U
Copper	7.8	U	39.2	NC	10	U
Iron	73.6	U	368	NC	10	U
Lead	4.0	U	20.1	NC	10	U
Magnesium	7860		8015	NC	10	J
Manganese	13.3	J	21.5	NC	10	U
Nickel	5.0	U	24.9	NC	10	U
Potassium	525	U	2620	NC	10	U
Selenium	5.8	U	28.8	NC	10	U
Silver	1.3	U	6.7	NC	10	U
Sodium	5340		5555	NC	10	J
Thallium	5.2	U	26.2	NC	10	U
Vanadium	4.0	U	20.2	NC	10	U
Zinc	5.8	U	29.2	NC	10	U

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

Method Blank - Batch: 460-127756**Method: 6010B****Preparation: 3050B**

Lab Sample ID:	MB 460-127756/1-A ^2	Analysis Batch:	460-128004	Instrument ID:	ICP5
Client Matrix:	Solid	Prep Batch:	460-127756	Lab File ID:	09142012A.asc
Dilution:	2.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	09/14/2012 2141	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	09/13/2012 1701				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Aluminum	9.1	U	9.1	20.0
Antimony	0.62	U	0.62	1.0
Arsenic	0.47	U	0.47	0.50
Barium	0.57	U	0.57	20.0
Beryllium	0.072	U	0.072	0.20
Cadmium	0.074	U	0.074	0.50
Calcium	35.4	U	35.4	500
Chromium	0.43	U	0.43	1.0
Cobalt	0.43	U	0.43	5.0
Copper	0.97	U	0.97	2.5
Iron	6.1	U	6.1	15.0
Lead	0.43	U	0.43	0.50
Magnesium	36.0	U	36.0	500
Manganese	0.44	U	0.44	1.5
Nickel	0.44	U	0.44	4.0
Potassium	53.5	U	53.5	500
Selenium	0.66	U	0.66	1.0
Silver	0.10	U	0.10	1.0
Sodium	79.0	U	79.0	500
Thallium	0.57	U	0.57	1.0
Vanadium	0.38	U	0.38	5.0
Zinc	0.54	U	0.54	3.0

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

LCS-Certified Reference Material - Batch: 460-127756

Method: 6010B

Preparation: 3050B

Lab Sample ID:	LCSSRM	Analysis Batch:	460-128004	Instrument ID:	ICP5
Client Matrix:	Solid	Prep Batch:	460-127756	Lab File ID:	09142012A.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	09/14/2012 2128	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	09/13/2012 1701				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	9310	4298	46.2	43.3 - 156.8	
Antimony	120	218.0	181.7	20.8 - 252.5	
Arsenic	168	165.0	98.2	70.8 - 129.8	
Barium	213	199.3	93.6	73.2 - 126.8	
Beryllium	110	110.8	100.7	75.1 - 125.5	
Cadmium	103	101.2	98.2	73.0 - 126.2	
Calcium	6870	6366	92.7	74.4 - 125.8	
Chromium	119	114.6	96.3	69.7 - 129.4	
Cobalt	131	135.2	103.2	74.4 - 125.2	
Copper	118	118.1	100.1	74.6 - 124.6	
Iron	13000	9462	72.8	32.2 - 167.7	
Lead	76.9	80.18	104.3	68.7 - 131.3	
Magnesium	2780	2074	74.6	65.1 - 135.3	
Manganese	338	333.0	98.5	75.4 - 125.1	
Nickel	70.0	71.14	101.6	70.9 - 129.0	
Potassium	3130	2292	73.2	62.9 - 136.7	
Selenium	126	119.7	95.0	66.7 - 134.1	
Silver	42.3	41.30	97.6	66.2 - 134.0	J
Sodium	350	326.2	93.2	42.9 - 156.9	
Thallium	208	228.0	109.6	69.2 - 130.8	
Vanadium	87.1	79.16	90.9	63.1 - 136.6	
Zinc	276	265.8	96.3	71.4 - 128.6	

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

Matrix Spike - Batch: 460-127756

Method: 6010B

Preparation: 3050B

Lab Sample ID:	460-44369-C-36-G MS	Analysis Batch:	460-128004	Instrument ID:	ICP5
Client Matrix:	Solid	Prep Batch:	460-127756	Lab File ID:	09142012A.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.03 g
Analysis Date:	09/14/2012 2158	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	09/13/2012 1701				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	466	199	798.0	167	75 - 125	F
Antimony	1.2	U	49.7	46.15	93	75 - 125
Arsenic	0.93	U	199	182.5	92	75 - 125
Barium	1.8	J	199	195.2	97	75 - 125
Beryllium	0.14	U	4.97	4.63	93	75 - 125
Cadmium	0.15	U	4.97	4.72	95	75 - 125
Calcium	70.4	U	1990	1779	89	75 - 125
Chromium	0.86	U	19.9	19.91	100	75 - 125
Cobalt	0.85	U	49.7	48.89	98	75 - 125
Copper	1.9	U	24.9	24.09	97	75 - 125
Iron	453		99.5	620.4	168	75 - 125
Lead	0.86	U	49.7	50.20	101	75 - 125
Magnesium	71.6	U	1990	1967	99	75 - 125
Manganese	4.5		49.7	53.86	99	75 - 125
Nickel	0.88	U	49.7	49.41	99	75 - 125
Potassium	106	U	1990	1770	89	75 - 125
Selenium	1.3	U	199	173.8	87	75 - 125
Silver	0.20	U	4.97	4.44	89	75 - 125
Sodium	157	U	1990	1971	99	75 - 125
Thallium	1.1	U	199	207.9	104	75 - 125
Vanadium	1.0	J	49.7	46.66	92	75 - 125
Zinc	1.1	U	49.7	48.13	97	75 - 125

Post Digestion Spike - Batch: 460-127756

Method: 6010B

Preparation: 3050B

Lab Sample ID:	460-44369-C-36-E PDS	Analysis Batch:	460-128004	Instrument ID:	ICP5
Client Matrix:	Solid	Prep Batch:	460-127756	Lab File ID:	09142012A.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.03 g
Analysis Date:	09/14/2012 2202	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	09/13/2012 1701				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	466	398	841.2	94	75 - 125	
Antimony	1.2	U	99.5	94.26	95	75 - 125
Arsenic	0.93	U	398	377.7	95	75 - 125
Barium	1.8	J	398	393.2	98	75 - 125
Beryllium	0.14	U	9.95	9.58	96	75 - 125

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

Post Digestion Spike - Batch: 460-127756

Method: 6010B

Preparation: 3050B

Lab Sample ID:	460-44369-C-36-E PDS	Analysis Batch:	460-128004	Instrument ID:	ICP5
Client Matrix:	Solid	Prep Batch:	460-127756	Lab File ID:	09142012A.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.03 g
Analysis Date:	09/14/2012 2202	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	09/13/2012 1701				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	0.15	U	9.95	9.69	97	75 - 125	
Calcium	70.4	U	3980	3630	91	75 - 125	
Chromium	0.86	U	39.8	39.96	100	75 - 125	
Cobalt	0.85	U	99.5	99.05	100	75 - 125	
Copper	1.9	U	49.7	49.51	100	75 - 125	
Iron	453		199	656.6	102	75 - 125	
Lead	0.86	U	99.5	100.9	101	75 - 125	
Magnesium	71.6	U	3980	3934	99	75 - 125	
Manganese	4.5		99.5	104.7	101	75 - 125	
Nickel	0.88	U	99.5	100.3	101	75 - 125	
Potassium	106	U	3980	3680	92	75 - 125	
Selenium	1.3	U	398	359.8	90	75 - 125	
Silver	0.20	U	9.95	9.28	93	75 - 125	
Sodium	157	U	3980	4060	102	75 - 125	
Thallium	1.1	U	398	418.9	105	75 - 125	
Vanadium	1.0	J	99.5	94.80	94	75 - 125	
Zinc	1.1	U	99.5	97.48	98	75 - 125	

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

Duplicate - Batch: 460-127756

Method: 6010B

Preparation: 3050B

Lab Sample ID:	460-44369-C-36-F DU ^4	Analysis Batch:	460-128004	Instrument ID:	ICP5
Client Matrix:	Solid	Prep Batch:	460-127756	Lab File ID:	09142012A.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.02 g
Analysis Date:	09/14/2012 2145	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	09/13/2012 1701				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Aluminum	466		502.9	8	20	
Antimony	1.2	U	1.2	NC	20	U
Arsenic	0.93	U	0.94	NC	20	U
Barium	1.8	J	1.87	5	20	J
Beryllium	0.14	U	0.14	NC	20	U
Cadmium	0.15	U	0.15	NC	20	U
Calcium	70.4	U	71.1	NC	20	U
Chromium	0.86	U	0.86	NC	20	U
Cobalt	0.85	U	0.86	NC	20	U
Copper	1.9	U	1.9	NC	20	U
Iron	453		481.8	6	20	
Lead	0.86	U	0.86	NC	20	U
Magnesium	71.6	U	72.3	NC	20	U
Manganese	4.5		4.62	3	20	
Nickel	0.88	U	0.88	NC	20	U
Potassium	106	U	107	NC	20	U
Selenium	1.3	U	1.3	NC	20	U
Silver	0.20	U	0.20	NC	20	U
Sodium	157	U	159	NC	20	U
Thallium	1.1	U	1.1	NC	20	U
Vanadium	1.0	J	1.04	4	20	J
Zinc	1.1	U	1.1	NC	20	U

Serial Dilution - Batch: 460-127756

Method: 6010B

Preparation: 3050B

Lab Sample ID:	460-44369-C-36-E SD	Analysis Batch:	460-128004	Instrument ID:	ICP5
Client Matrix:	Solid	Prep Batch:	460-127756	Lab File ID:	09142012A.asc
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	1.03 g
Analysis Date:	09/14/2012 2154	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	09/13/2012 1701				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Aluminum	466		462.7	NC	10	
Antimony	1.2	U	6.2	NC	10	U
Arsenic	0.93	U	4.7	NC	10	U
Barium	1.8	J	5.7	NC	10	U
Beryllium	0.14	U	0.72	NC	10	U
Cadmium	0.15	U	0.74	NC	10	U
Calcium	70.4	U	352	NC	10	U

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

Serial Dilution - Batch: 460-127756

Method: 6010B

Preparation: 3050B

Lab Sample ID:	460-44369-C-36-E SD	Analysis Batch:	460-128004	Instrument ID:	ICP5
Client Matrix:	Solid	Prep Batch:	460-127756	Lab File ID:	09142012A.asc
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	1.03 g
Analysis Date:	09/14/2012 2154	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	09/13/2012 1701				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Chromium	0.86	U	4.3	NC	10	U
Cobalt	0.85	U	4.2	NC	10	U
Copper	1.9	U	9.6	NC	10	U
Iron	453		444.7	NC	10	
Lead	0.86	U	4.3	NC	10	U
Magnesium	71.6	U	358	NC	10	U
Manganese	4.5		4.4	NC	10	U
Nickel	0.88	U	4.4	NC	10	U
Potassium	106	U	532	NC	10	U
Selenium	1.3	U	6.6	NC	10	U
Silver	0.20	U	0.99	NC	10	U
Sodium	157	U	786	NC	10	U
Thallium	1.1	U	5.6	NC	10	U
Vanadium	1.0	J	3.8	NC	10	U
Zinc	1.1	U	5.4	NC	10	U

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

Method Blank - Batch: 460-127418**Method: 7470A****Preparation: 7470A**

Lab Sample ID:	MB 460-127418/11-A	Analysis Batch:	460-127438	Instrument ID:	LEEMAN5
Client Matrix:	Water	Prep Batch:	460-127418	Lab File ID:	127418HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	09/11/2012 1956	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	09/11/2012 1700				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Mercury	0.16	U	0.16	0.20

Lab Control Sample - Batch: 460-127418**Method: 7470A****Preparation: 7470A**

Lab Sample ID:	LCS 460-127418/12-A	Analysis Batch:	460-127438	Instrument ID:	LEEMAN5
Client Matrix:	Water	Prep Batch:	460-127418	Lab File ID:	127418HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	09/11/2012 1958	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	09/11/2012 1700				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	2.00	2.01	101	80 - 120	

Matrix Spike - Batch: 460-127418**Method: 7470A****Preparation: 7470A**

Lab Sample ID:	460-44412-G-1-D MS	Analysis Batch:	460-127438	Instrument ID:	LEEMAN5
Client Matrix:	Water	Prep Batch:	460-127418	Lab File ID:	127418HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	09/11/2012 2003	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	09/11/2012 1700				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.16	U	2.00	2.01	101	75 - 125

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

Duplicate - Batch: 460-127418

Method: 7470A

Preparation: 7470A

Lab Sample ID:	460-44412-G-1-C DU	Analysis Batch:	460-127438	Instrument ID:	LEEMAN5
Client Matrix:	Water	Prep Batch:	460-127418	Lab File ID:	127418HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	09/11/2012 2001	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	09/11/2012 1700				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Mercury	0.16	U	0.16	NC	20	U

Serial Dilution - Batch: 460-127418

Method: 7470A

Preparation: 7470A

Lab Sample ID:	460-44412-G-1-B SD ^5	Analysis Batch:	460-127438	Instrument ID:	LEEMAN5
Client Matrix:	Water	Prep Batch:	460-127418	Lab File ID:	127418HG1.PRN
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	09/11/2012 2031	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	09/11/2012 1700				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Mercury	0.16	U	0.80	NC	10	U

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

Method Blank - Batch: 460-127408**Method: 7471A****Preparation: 7471A**

Lab Sample ID:	MB 460-127408/10-A	Analysis Batch:	460-127430	Instrument ID:	LEEMAN5
Client Matrix:	Solid	Prep Batch:	460-127408	Lab File ID:	127408HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	09/11/2012 1856	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	09/11/2012 1630				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Mercury	0.022	U	0.022	0.033

LCS-Certified Reference Material - Batch: 460-127408**Method: 7471A****Preparation: 7471A**

Lab Sample ID:	LCSSRM	Analysis Batch:	460-127430	Instrument ID:	LEEMAN5
Client Matrix:	Solid	Prep Batch:	460-127408	Lab File ID:	127408HG1.PRN
Dilution:	40	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	09/11/2012 1858	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	09/11/2012 1630				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	25.1	25.67	102.3	51.4 - 148.2	

Matrix Spike - Batch: 460-127408**Method: 7471A****Preparation: 7471A**

Lab Sample ID:	460-44418-A-8-C MS	Analysis Batch:	460-127430	Instrument ID:	LEEMAN5
Client Matrix:	Solid	Prep Batch:	460-127408	Lab File ID:	127408HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	09/11/2012 1907	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	09/11/2012 1630				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.024	U	0.182	0.152	83	75 - 125

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

Duplicate - Batch: 460-127408

Method: 7471A

Preparation: 7471A

Lab Sample ID:	460-44418-A-8-B DU	Analysis Batch:	460-127430	Instrument ID:	LEEMAN5
Client Matrix:	Solid	Prep Batch:	460-127408	Lab File ID:	127408HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	09/11/2012 1905	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	09/11/2012 1630				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Mercury	0.024	U	0.024	NC	20	U

Serial Dilution - Batch: 460-127408

Method: 7471A

Preparation: 7471A

Lab Sample ID:	460-44418-A-8-A SD ^5	Analysis Batch:	460-127430	Instrument ID:	LEEMAN5
Client Matrix:	Solid	Prep Batch:	460-127408	Lab File ID:	127408HG1.PRN
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	09/11/2012 1924	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	09/11/2012 1630				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Mercury	0.024	U	0.12	NC		U

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

Duplicate - Batch: 460-127535

**Method: Moisture
Preparation: N/A**

Lab Sample ID:	460-44428-A-2 DU	Analysis Batch:	460-127535	Instrument ID:	No Equipment
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	09/12/2012 1318	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	14.6	14.1	3	20	
Percent Solids	85.4	85.9	0.5	20	

DATA REPORTING QUALIFIERS

Client: URS Corporation

Job Number: 460-44405-1

Lab Section	Qualifier	Description
GC/MS VOA	U	Indicates the analyte was analyzed for but not detected.
	F	MS/MSD Recovery or RPD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	X	Surrogate is outside control limits
GC/MS Semi VOA	U	Indicates the analyte was analyzed for but not detected.
	F	MS/MSD Recovery or RPD exceeds the control limits
	*	Recovery or RPD exceeds control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	D	Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.
	D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
GC Semi VOA	U	Indicates the analyte was analyzed for but not detected.
	X	Surrogate is outside control limits
	p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
Metals	U	Indicates the analyte was analyzed for but not detected.
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
	F	MS/MSD Recovery or RPD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 460-127399					
460-44405-1	201209105B-365VO-2N	T	Solid	5035	
Analysis Batch:460-128032					
LCS 460-128032/3	Lab Control Sample	T	Solid	8260B	
LCSD 460-128032/16	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-128032/17	Method Blank	T	Solid	8260B	
460-44405-1	201209105B-365VO-2N	T	Solid	8260B	460-127399
Analysis Batch:460-128358					
LCS 460-128358/10	Lab Control Sample	T	Water	8260B	
MB 460-128358/3	Method Blank	T	Water	8260B	
460-44405-2	20120910EB	T	Water	8260B	
460-44405-3	20120910TB	T	Water	8260B	
460-44720-A-1 MS	Matrix Spike	T	Water	8260B	
460-44720-A-1 MSD	Matrix Spike Duplicate	T	Water	8260B	

Report Basis

T = Total

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 460-127373					
LCS 460-127373/2-A	Lab Control Sample	T	Solid	3541	
MB 460-127373/1-A	Method Blank	T	Solid	3541	
460-44386-B-1-E MS	Matrix Spike	T	Solid	3541	
460-44386-B-1-F MSD	Matrix Spike Duplicate	T	Solid	3541	
460-44405-1DL	201209105B-365VO-2N	T	Solid	3541	
Analysis Batch:460-127512					
LCS 460-127373/2-A	Lab Control Sample	T	Solid	8270C	460-127373
MB 460-127373/1-A	Method Blank	T	Solid	8270C	460-127373
460-44386-B-1-E MS	Matrix Spike	T	Solid	8270C	460-127373
460-44386-B-1-F MSD	Matrix Spike Duplicate	T	Solid	8270C	460-127373
460-44405-1DL	201209105B-365VO-2N	T	Solid	8270C	460-127373
Prep Batch: 460-127814					
LCS 460-127814/2-A	Lab Control Sample	T	Water	3510C	
LCSD 460-127814/3-A	Lab Control Sample Duplicate	T	Water	3510C	
MB 460-127814/1-A	Method Blank	T	Water	3510C	
460-44405-2	20120910EB	T	Water	3510C	
Analysis Batch:460-128115					
LCSD 460-127814/3-A	Lab Control Sample Duplicate	T	Water	8270C	460-127814
MB 460-127814/1-A	Method Blank	T	Water	8270C	460-127814
460-44405-2	20120910EB	T	Water	8270C	460-127814
Analysis Batch:460-128299					
LCS 460-127814/2-A	Lab Control Sample	T	Water	8270C	460-127814

Report Basis

T = Total

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 460-127381					
LCS 460-127381/2-A	Lab Control Sample	T	Water	3510C	
LCSD 460-127381/3-A	Lab Control Sample Duplicate	T	Water	3510C	
MB 460-127381/1-A	Method Blank	T	Water	3510C	
460-44405-2	20120910EB	T	Water	3510C	
Prep Batch: 460-127454					
LCS 460-127454/2-A	Lab Control Sample	T	Solid	3541	
MB 460-127454/1-A	Method Blank	T	Solid	3541	
450-6512-A-6-D MS	Matrix Spike	T	Solid	3541	
450-6512-A-6-E MSD	Matrix Spike Duplicate	T	Solid	3541	
460-44405-1	201209105B-365VO-2N	T	Solid	3541	
Analysis Batch:460-127675					
LCS 460-127454/2-A	Lab Control Sample	T	Solid	8081A	460-127454
MB 460-127454/1-A	Method Blank	T	Solid	8081A	460-127454
450-6512-A-6-D MS	Matrix Spike	T	Solid	8081A	460-127454
450-6512-A-6-E MSD	Matrix Spike Duplicate	T	Solid	8081A	460-127454
Analysis Batch:460-127690					
LCS 460-127381/2-A	Lab Control Sample	T	Water	8081A	460-127381
LCSD 460-127381/3-A	Lab Control Sample Duplicate	T	Water	8081A	460-127381
MB 460-127381/1-A	Method Blank	T	Water	8081A	460-127381
460-44405-2	20120910EB	T	Water	8081A	460-127381
Analysis Batch:460-128370					
460-44405-1	201209105B-365VO-2N	T	Solid	8081A	460-127454

Report Basis

T = Total

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

QC Association Summary

Lab Sample ID	Client Sample ID		Report Basis	Client Matrix	Method	Prep Batch
Metals						
Prep Batch: 460-127408						
LCSSRM 460-127408/11-A	LCS-Certified Reference Material	T	Solid		7471A	
MB 460-127408/10-A	Method Blank	T	Solid		7471A	
460-44405-1	201209105B-365VO-2N	T	Solid		7471A	
460-44418-A-8-B DU	Duplicate	T	Solid		7471A	
460-44418-A-8-C MS	Matrix Spike	T	Solid		7471A	
Prep Batch: 460-127418						
LCS 460-127418/12-A	Lab Control Sample	T	Water		7470A	
MB 460-127418/11-A	Method Blank	T	Water		7470A	
460-44405-2	20120910EB	T	Water		7470A	
460-44412-G-1-C DU	Duplicate	T	Water		7470A	
460-44412-G-1-D MS	Matrix Spike	T	Water		7470A	
Analysis Batch:460-127430						
LCSSRM 460-127408/11-A	LCS-Certified Reference Material	T	Solid		7471A	460-127408
MB 460-127408/10-A	Method Blank	T	Solid		7471A	460-127408
460-44405-1	201209105B-365VO-2N	T	Solid		7471A	460-127408
460-44418-A-8-B DU	Duplicate	T	Solid		7471A	460-127408
460-44418-A-8-C MS	Matrix Spike	T	Solid		7471A	460-127408
Analysis Batch:460-127438						
LCS 460-127418/12-A	Lab Control Sample	T	Water		7470A	460-127418
MB 460-127418/11-A	Method Blank	T	Water		7470A	460-127418
460-44405-2	20120910EB	T	Water		7470A	460-127418
460-44412-G-1-C DU	Duplicate	T	Water		7470A	460-127418
460-44412-G-1-D MS	Matrix Spike	T	Water		7470A	460-127418
Prep Batch: 460-127660						
LCS 460-127660/2-A	Lab Control Sample	T	Water		3010A	
MB 460-127660/1-A	Method Blank	T	Water		3010A	
460-44405-2	20120910EB	T	Water		3010A	
460-44494-C-3-A DU	Duplicate	T	Water		3010A	
460-44494-I-3-B MS	Matrix Spike	T	Water		3010A	
Prep Batch: 460-127756						
LCSSRM 460-127756/2-A ^4	LCS-Certified Reference Material	T	Solid		3050B	
MB 460-127756/1-A ^2	Method Blank	T	Solid		3050B	
460-44369-C-36-F DU ^4	Duplicate	T	Solid		3050B	
460-44369-C-36-G MS ^4	Matrix Spike	T	Solid		3050B	
460-44405-1	201209105B-365VO-2N	T	Solid		3050B	

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:460-127809					
LCS 460-127660/2-A	Lab Control Sample	T	Water	6010B	460-127660
MB 460-127660/1-A	Method Blank	T	Water	6010B	460-127660
460-44405-2	20120910EB	T	Water	6010B	460-127660
460-44494-C-3-A DU	Duplicate	T	Water	6010B	460-127660
460-44494-I-3-B MS	Matrix Spike	T	Water	6010B	460-127660
Analysis Batch:460-128004					
LCSSRM 460-127756/2-A ^4	LCS-Certified Reference Material	T	Solid	6010B	460-127756
MB 460-127756/1-A ^2	Method Blank	T	Solid	6010B	460-127756
460-44369-C-36-F DU ^4	Duplicate	T	Solid	6010B	460-127756
460-44369-C-36-G MS ^4	Matrix Spike	T	Solid	6010B	460-127756
460-44405-1	201209105B-365VO-2N	T	Solid	6010B	460-127756

Report Basis

T = Total

General Chemistry

Analysis Batch:460-127535				
460-44405-1	201209105B-365VO-2N	T	Solid	Moisture
460-44428-A-2 DU	Duplicate	T	Solid	Moisture

Report Basis

T = Total

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

Laboratory Chronicle

Lab ID: 460-44405-1

Client ID: 201209105B-365VO-2N

Sample Date/Time: 09/10/2012 11:10 Received Date/Time: 09/10/2012 19:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-44405-B-1-A		460-128032	460-127399	09/11/2012 15:30	100	TAL EDI	FJ
A:8260B	460-44405-B-1-A		460-128032	460-127399	09/15/2012 17:18	100	TAL EDI	AT
P:3541	460-44405-E-1-A	DL	460-127512	460-127373	09/11/2012 12:56	10	TAL EDI	cm
A:8270C	460-44405-E-1-A	DL	460-127512	460-127373	09/12/2012 10:11	10	TAL EDI	MC
P:3541	460-44405-E-1-B		460-128370	460-127454	09/12/2012 02:33	5	TAL EDI	ARA
A:8081A	460-44405-E-1-B		460-128370	460-127454	09/18/2012 17:16	5	TAL EDI	FM
P:3050B	460-44405-E-1-D ^4		460-128004	460-127756	09/13/2012 17:01	4	TAL EDI	ARC
A:6010B	460-44405-E-1-D ^4		460-128004	460-127756	09/14/2012 22:41	4	TAL EDI	CDC
P:7471A	460-44405-A-1-A		460-127430	460-127408	09/11/2012 16:30	1	TAL EDI	TS
A:7471A	460-44405-A-1-A		460-127430	460-127408	09/11/2012 19:22	1	TAL EDI	TS
A:Moisture	460-44405-E-1		460-127535		09/12/2012 13:18	1	TAL EDI	CHA

Lab ID: 460-44405-2

Client ID: 20120910EB

Sample Date/Time: 09/10/2012 15:45 Received Date/Time: 09/10/2012 19:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-44405-A-2		460-128358		09/18/2012 23:11	1	TAL EDI	KB
A:8260B	460-44405-A-2		460-128358		09/18/2012 23:11	1	TAL EDI	KB
P:3510C	460-44405-F-2-A		460-128115	460-127814	09/14/2012 08:04	1	TAL EDI	HW
A:8270C	460-44405-F-2-A		460-128115	460-127814	09/17/2012 02:40	1	TAL EDI	MC
P:3510C	460-44405-E-2-A		460-127690	460-127381	09/11/2012 13:50	1	TAL EDI	GT
A:8081A	460-44405-E-2-A		460-127690	460-127381	09/12/2012 11:54	1	TAL EDI	FM
P:3010A	460-44405-E-2-B		460-127809	460-127660	09/13/2012 09:52	1	TAL EDI	YH
A:6010B	460-44405-E-2-B		460-127809	460-127660	09/14/2012 01:01	1	TAL EDI	CDC
P:7470A	460-44405-C-2-A		460-127438	460-127418	09/11/2012 17:00	1	TAL EDI	TS
A:7470A	460-44405-C-2-A		460-127438	460-127418	09/11/2012 20:27	1	TAL EDI	TS

Lab ID: 460-44405-3

Client ID: 20120910TB

Sample Date/Time: 09/10/2012 00:00 Received Date/Time: 09/10/2012 19:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-44405-A-3		460-128358		09/18/2012 23:36	1	TAL EDI	KB
A:8260B	460-44405-A-3		460-128358		09/18/2012 23:36	1	TAL EDI	KB

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

Laboratory Chronicle

Lab ID: MB

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:8260B	MB 460-128032/17		460-128032		09/15/2012 13:24	50	TAL EDI	AT
P:5030B	MB 460-128358/3		460-128358		09/18/2012 22:47	1	TAL EDI	KB
A:8260B	MB 460-128358/3		460-128358		09/18/2012 22:47	1	TAL EDI	KB
P:3541	MB 460-127373/1-A		460-127512	460-127373	09/11/2012 12:56	1	TAL EDI	cm
A:8270C	MB 460-127373/1-A		460-127512	460-127373	09/12/2012 02:21	1	TAL EDI	MC
P:3510C	MB 460-127814/1-A		460-128115	460-127814	09/14/2012 08:04	1	TAL EDI	HW
A:8270C	MB 460-127814/1-A		460-128115	460-127814	09/17/2012 01:25	1	TAL EDI	MC
P:3510C	MB 460-127381/1-A		460-127690	460-127381	09/11/2012 13:50	1	TAL EDI	GT
A:8081A	MB 460-127381/1-A		460-127690	460-127381	09/12/2012 12:22	1	TAL EDI	FM
P:3541	MB 460-127454/1-A		460-127675	460-127454	09/12/2012 02:33	1	TAL EDI	ARA
A:8081A	MB 460-127454/1-A		460-127675	460-127454	09/12/2012 15:24	1	TAL EDI	FM
P:3010A	MB 460-127660/1-A		460-127809	460-127660	09/13/2012 09:52	1	TAL EDI	YH
A:6010B	MB 460-127660/1-A		460-127809	460-127660	09/14/2012 00:24	1	TAL EDI	CDC
P:3050B	MB 460-127756/1-A ^2		460-128004	460-127756	09/13/2012 17:01	2	TAL EDI	ARC
A:6010B	MB 460-127756/1-A ^2		460-128004	460-127756	09/14/2012 21:41	2	TAL EDI	CDC
P:7470A	MB 460-127418/11-A		460-127438	460-127418	09/11/2012 17:00	1	TAL EDI	TS
A:7470A	MB 460-127418/11-A		460-127438	460-127418	09/11/2012 19:56	1	TAL EDI	TS
P:7471A	MB 460-127408/10-A		460-127430	460-127408	09/11/2012 16:30	1	TAL EDI	TS
A:7471A	MB 460-127408/10-A		460-127430	460-127408	09/11/2012 18:56	1	TAL EDI	TS

Lab ID: LCS

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:8260B	LCS 460-128032/3		460-128032		09/15/2012 11:21	50	TAL EDI	AT
P:5030B	LCS 460-128358/10		460-128358		09/19/2012 01:37	1	TAL EDI	KB
A:8260B	LCS 460-128358/10		460-128358		09/19/2012 01:37	1	TAL EDI	KB
P:3541	LCS 460-127373/2-A		460-127512	460-127373	09/11/2012 12:56	1	TAL EDI	cm
A:8270C	LCS 460-127373/2-A		460-127512	460-127373	09/12/2012 02:01	1	TAL EDI	MC
P:3510C	LCS 460-127814/2-A		460-128299	460-127814	09/14/2012 08:04	1	TAL EDI	HW
A:8270C	LCS 460-127814/2-A		460-128299	460-127814	09/17/2012 13:42	1	TAL EDI	MC
P:3510C	LCS 460-127381/2-A		460-127690	460-127381	09/11/2012 13:50	1	TAL EDI	GT
A:8081A	LCS 460-127381/2-A		460-127690	460-127381	09/12/2012 10:45	1	TAL EDI	FM
P:3541	LCS 460-127454/2-A		460-127675	460-127454	09/12/2012 02:33	1	TAL EDI	ARA
A:8081A	LCS 460-127454/2-A		460-127675	460-127454	09/12/2012 11:14	1	TAL EDI	FM
P:3010A	LCS 460-127660/2-A		460-127809	460-127660	09/13/2012 09:52	1	TAL EDI	YH
A:6010B	LCS 460-127660/2-A		460-127809	460-127660	09/14/2012 00:11	1	TAL EDI	CDC
P:7470A	LCS 460-127418/12-A		460-127438	460-127418	09/11/2012 17:00	1	TAL EDI	TS
A:7470A	LCS 460-127418/12-A		460-127438	460-127418	09/11/2012 19:58	1	TAL EDI	TS

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

Laboratory Chronicle

Lab ID: LCSD

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:8260B	LCSD 460-128032/16		460-128032		09/15/2012 12:11	50	TAL EDI	AT
P:3510C	LCSD 460-127814/3-A		460-128115	460-127814	09/14/2012 08:04	1	TAL EDI	HW
A:8270C	LCSD 460-127814/3-A		460-128115	460-127814	09/17/2012 02:15	1	TAL EDI	MC
P:3510C	LCSD 460-127381/3-A		460-127690	460-127381	09/11/2012 13:50	1	TAL EDI	GT
A:8081A	LCSD 460-127381/3-A		460-127690	460-127381	09/12/2012 10:59	1	TAL EDI	FM

Lab ID: LCSSRM

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	LCSSRM 460-127756/2-A ^4		460-128004	460-127756	09/13/2012 17:01	4	TAL EDI	ARC
A:6010B	LCSSRM 460-127756/2-A ^4		460-128004	460-127756	09/14/2012 21:28	4	TAL EDI	CDC
P:7471A	LCSSRM 460-127408/11-A ^40		460-127430	460-127408	09/11/2012 16:30	40	TAL EDI	TS
A:7471A	LCSSRM 460-127408/11-A ^40		460-127430	460-127408	09/11/2012 18:58	40	TAL EDI	TS

Lab ID: MS

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-44720-A-1 MS		460-128358		09/19/2012 02:22	5	TAL EDI	KB
A:8260B	460-44720-A-1 MS		460-128358		09/19/2012 02:22	5	TAL EDI	KB
P:3541	460-44386-B-1-E MS		460-127512	460-127373	09/11/2012 12:56	1	TAL EDI	cm
A:8270C	460-44386-B-1-E MS		460-127512	460-127373	09/12/2012 05:13	1	TAL EDI	MC
P:3541	450-6512-A-6-D MS		460-127675	460-127454	09/12/2012 02:33	1	TAL EDI	ARA
A:8081A	450-6512-A-6-D MS		460-127675	460-127454	09/12/2012 11:28	1	TAL EDI	FM
P:3010A	460-44494-I-3-B MS		460-127809	460-127660	09/13/2012 09:52	1	TAL EDI	YH
A:6010B	460-44494-I-3-B MS		460-127809	460-127660	09/14/2012 00:32	1	TAL EDI	CDC
P:3050B	460-44369-C-36-G MS ^4		460-128004	460-127756	09/13/2012 17:01	4	TAL EDI	ARC
A:6010B	460-44369-C-36-G MS ^4		460-128004	460-127756	09/14/2012 21:58	4	TAL EDI	CDC
P:7470A	460-44412-G-1-D MS		460-127438	460-127418	09/11/2012 17:00	1	TAL EDI	TS
A:7470A	460-44412-G-1-D MS		460-127438	460-127418	09/11/2012 20:03	1	TAL EDI	TS
P:7471A	460-44418-A-8-C MS		460-127430	460-127408	09/11/2012 16:30	1	TAL EDI	TS
A:7471A	460-44418-A-8-C MS		460-127430	460-127408	09/11/2012 19:07	1	TAL EDI	TS

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

Laboratory Chronicle

Lab ID: MSD

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-44720-A-1 MSD		460-128358		09/19/2012 02:46	5	TAL EDI	KB
A:8260B	460-44720-A-1 MSD		460-128358		09/19/2012 02:46	5	TAL EDI	KB
P:3541	460-44386-B-1-F MSD		460-127512	460-127373	09/11/2012 12:56	1	TAL EDI	cm
A:8270C	460-44386-B-1-F MSD		460-127512	460-127373	09/12/2012 05:33	1	TAL EDI	MC
P:3541	450-6512-A-6-E MSD		460-127675	460-127454	09/12/2012 02:33	1	TAL EDI	ARA
A:8081A	450-6512-A-6-E MSD		460-127675	460-127454	09/12/2012 11:42	1	TAL EDI	FM

Lab ID: DU

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3010A	460-44494-C-3-A DU		460-127809	460-127660	09/13/2012 09:52	1	TAL EDI	YH
A:6010B	460-44494-C-3-A DU		460-127809	460-127660	09/14/2012 00:03	1	TAL EDI	CDC
P:3050B	460-44369-C-36-F DU ^4		460-128004	460-127756	09/13/2012 17:01	4	TAL EDI	ARC
A:6010B	460-44369-C-36-F DU ^4		460-128004	460-127756	09/14/2012 21:45	4	TAL EDI	CDC
P:7470A	460-44412-G-1-C DU		460-127438	460-127418	09/11/2012 17:00	1	TAL EDI	TS
A:7470A	460-44412-G-1-C DU		460-127438	460-127418	09/11/2012 20:01	1	TAL EDI	TS
P:7471A	460-44418-A-8-B DU		460-127430	460-127408	09/11/2012 16:30	1	TAL EDI	TS
A:7471A	460-44418-A-8-B DU		460-127430	460-127408	09/11/2012 19:05	1	TAL EDI	TS
A:Moisture	460-44428-A-2 DU		460-127535		09/12/2012 13:18	1	TAL EDI	CHA

Quality Control Results

Client: URS Corporation

Job Number: 460-44405-1

Laboratory Chronicle

Lab ID:	SD	Client ID:	N/A	Sample Date/Time:	N/A	Received Date/Time:	N/A	
Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3010A	460-44494-I-3-A SD ^5	460-127809	460-127660	09/13/2012 09:52	5	TAL EDI	YH	
A:6010B	460-44494-I-3-A SD ^5	460-127809	460-127660	09/14/2012 00:28	5	TAL EDI	CDC	
P:3010A	460-44494-I-3-A PDS	460-127809	460-127660	09/13/2012 09:52	1	TAL EDI	YH	
A:6010B	460-44494-I-3-A PDS	460-127809	460-127660	09/14/2012 00:36	1	TAL EDI	CDC	
P:3050B	460-44369-C-36-E SD ^20	460-128004	460-127756	09/13/2012 17:01	20	TAL EDI	ARC	
A:6010B	460-44369-C-36-E SD ^20	460-128004	460-127756	09/14/2012 21:54	20	TAL EDI	CDC	
P:3050B	460-44369-C-36-E PDS ^4	460-128004	460-127756	09/13/2012 17:01	4	TAL EDI	ARC	
A:6010B	460-44369-C-36-E PDS ^4	460-128004	460-127756	09/14/2012 22:02	4	TAL EDI	CDC	
P:7470A	460-44412-G-1-B SD ^5	460-127438	460-127418	09/11/2012 17:00	5	TAL EDI	TS	
A:7470A	460-44412-G-1-B SD ^5	460-127438	460-127418	09/11/2012 20:31	5	TAL EDI	TS	
P:7471A	460-44418-A-8-A SD ^5	460-127430	460-127408	09/11/2012 16:30	5	TAL EDI	TS	
A:7471A	460-44418-A-8-A SD ^5	460-127430	460-127408	09/11/2012 19:24	5	TAL EDI	TS	

Lab References:

TAL EDI = TestAmerica Edison

Method 8260B

Volatile Organic Compounds (GC/MS)
by Method 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Matrix: Solid Level: Medium
GC Column (1): Rtx-VMS ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
201209105B-365VO-2N	460-44405-1	71 X	76	71 X
	MB 460-128032/17	85	94	87
	LCS 460-128032/3	90	104	97
	LCSD 460-128032/16	86	100	94

DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = Bromofluorobenzene

QC LIMITS
75-135
59-150
72-133

Column to be used to flag recovery values

FORM II 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Matrix: Water Level: Low
GC Column (1): DB-624 ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
20120910EB	460-44405-2	89	88	101
20120910TB	460-44405-3	94	95	110
	MB 460-128358/3	91	90	105
	LCS 460-128358/10	81	86	97
	460-44720-A-1 MS	86	85	99
	460-44720-A-1 MSD	83	84	98

DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = Bromofluorobenzene

QC LIMITS
70-130
70-130
70-130

Column to be used to flag recovery values

FORM II 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Matrix: Solid Level: Medium Lab File ID: e07800.d
Lab ID: LCS 460-128032/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	2000	2750	137	52-144	
Bromomethane	2000	2060	103	58-154	
Vinyl chloride	2000	2370	118	55-154	
Chloroethane	2000	1640	82	66-144	
Methylene Chloride	2000	1970	99	78-118	
Acetone	2000	2980	149	48-177	
Carbon disulfide	2000	1780	89	70-120	
Trichlorofluoromethane	2000	1940	97	60-148	
1,1-Dichloroethene	2000	1930	97	68-138	
1,1-Dichloroethane	2000	2060	103	79-119	
trans-1,2-Dichloroethene	2000	1810	91	73-119	
cis-1,2-Dichloroethene	2000	1860	93	78-118	
Chloroform	2000	1940	97	81-122	
2-Butanone	2000	2470	123	70-139	
1,2-Dichloroethane	2000	1930	97	81-121	
1,1,1-Trichloroethane	2000	1840	92	78-118	
Carbon tetrachloride	2000	1730	86	64-130	
Benzene	2000	2160	108	71-118	
Bromoform	2000	1770	88	76-133	
Styrene	2000	2170	108	73-126	
m&p-Xylene	4000	4350	109	78-127	
o-Xylene	2000	2160	108	77-122	
Ethylbenzene	2000	2160	108	78-124	
Chlorobenzene	2000	2060	103	69-124	
Cyclohexane	2000	2190	110	69-128	
Isopropylbenzene	2000	2150	108	80-143	
2-Hexanone	2000	1690	85	62-123	
MTBE	2000	1870	94	65-143	
Freon TF	2000	1770	88	50-128	
Methyl acetate	2000	1860	93	72-165	
1,4-Dioxane	15000	17800	119	54-147	
Trichloroethene	2000	1870	93	82-122	
Toluene	2000	2190	110	79-136	
trans-1,3-Dichloropropene	2000	2040	102	73-118	
4-Methyl-2-pentanone	2000	2460	123	69-124	
cis-1,3-Dichloropropene	2000	2090	104	75-120	
1,2-Dichlorobenzene	2000	2030	101	83-123	
1,3-Dichlorobenzene	2000	2030	101	83-123	
1,4-Dichlorobenzene	2000	2010	101	84-124	
1,2,4-Trichlorobenzene	2000	1930	97	62-144	
1,2,3-Trichlorobenzene	2000	1980	99	36-207	
1,2-Dichloropropane	2000	2220	111	78-118	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Matrix: Solid Level: Medium Lab File ID: e07800.d
Lab ID: LCS 460-128032/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Methylcyclohexane	2000	1880	94	80-134	
Tetrachloroethene	2000	1900	95	78-136	
1,2-Dibromo-3-Chloropropane	2000	2170	109	62-127	
1,1,2,2-Tetrachloroethane	2000	2370	119	86-145	
1,1,2-Trichloroethane	2000	2070	103	77-120	
Dibromochloromethane	2000	1810	91	78-118	
1,2-Dibromoethane	2000	1970	99	76-120	
Dichlorodifluoromethane	2000	1660	83	41-149	
Bromochloromethane	2000	1790	89	81-121	
Bromodichloromethane	2000	1840	92	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: p61670.d
Lab ID: LCS 460-128358/10 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	17.2	86	58-146	
Bromomethane	20.0	18.5	92	55-153	
Vinyl chloride	20.0	17.1	86	61-144	
Chloroethane	20.0	24.1	121	69-145	
Methylene Chloride	20.0	17.0	85	79-119	
Acetone	20.0	16.5	82	45-156	
Carbon disulfide	20.0	14.5	73	58-139	
Trichlorofluoromethane	20.0	24.0	120	69-147	
1,1-Dichloroethene	20.0	18.1	91	56-139	
1,1-Dichloroethane	20.0	17.2	86	78-122	
trans-1,2-Dichloroethene	20.0	17.3	87	75-122	
cis-1,2-Dichloroethene	20.0	18.8	94	80-120	
Chloroform	20.0	20.3	102	82-123	
2-Butanone	20.0	19.8	99	65-114	
1,2-Dichloroethane	20.0	20.2	101	74-118	
1,1,1-Trichloroethane	20.0	19.4	97	74-128	
Carbon tetrachloride	20.0	16.9	85	73-120	
Benzene	20.0	20.7	104	83-124	
Bromoform	20.0	14.7	73	73-123	
Styrene	20.0	19.3	96	69-112	
m&p-Xylene	40.0	38.9	97	76-120	
o-Xylene	20.0	19.6	98	78-118	
Ethylbenzene	20.0	19.3	96	79-126	
Chlorobenzene	20.0	20.1	101	81-121	
Cyclohexane	20.0	17.9	89	58-133	
Isopropylbenzene	20.0	19.9	100	80-125	
2-Hexanone	20.0	15.6	78	53-121	
MTBE	20.0	15.9	79	71-115	
Freon TF	20.0	17.4	87	47-139	
Methyl acetate	20.0	13.5	68	50-151	
1,4-Dioxane	150	168	112	52-126	
Trichloroethene	20.0	19.8	99	78-119	
Toluene	20.0	19.6	98	80-120	
trans-1,3-Dichloropropene	20.0	17.2	86	78-118	
4-Methyl-2-pentanone	20.0	15.4	77	53-120	
cis-1,3-Dichloropropene	20.0	17.7	88	80-120	
1,2-Dichlorobenzene	20.0	19.9	99	82-122	
1,3-Dichlorobenzene	20.0	19.9	100	81-126	
1,4-Dichlorobenzene	20.0	20.1	101	83-123	
1,2,4-Trichlorobenzene	20.0	20.0	100	66-120	
1,2,3-Trichlorobenzene	20.0	19.8	99	76-123	
1,2-Dichloropropane	20.0	19.7	99	80-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: p61670.d
Lab ID: LCS 460-128358/10 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Methylcyclohexane	20.0	18.4	92	61-129	
Tetrachloroethene	20.0	20.2	101	68-139	
1,2-Dibromo-3-Chloropropane	20.0	15.4	77	70-116	
1,1,2,2-Tetrachloroethane	20.0	19.0	95	74-126	
1,1,2-Trichloroethane	20.0	19.1	95	79-119	
Dibromochloromethane	20.0	16.8	84	80-120	
1,2-Dibromoethane	20.0	19.4	97	78-118	
Dichlorodifluoromethane	20.0	19.7	98	46-145	
Bromochloromethane	20.0	18.9	95	80-121	
Bromodichloromethane	20.0	18.3	91	79-119	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Matrix: Solid Level: Medium Lab File ID: e07801.d

Lab ID: LCSD 460-128032/16 Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Chloromethane	2000	2270	114	19	30	52-144	
Bromomethane	2000	1910	96	7	30	58-154	
Vinyl chloride	2000	2150	107	10	30	55-154	
Chloroethane	2000	1740	87	6	30	66-144	
Methylene Chloride	2000	1780	89	10	30	78-118	
Acetone	2000	3350	167	12	30	48-177	
Carbon disulfide	2000	1610	80	10	30	70-120	
Trichlorofluoromethane	2000	1880	94	3	30	60-148	
1,1-Dichloroethene	2000	1770	89	9	30	68-138	
1,1-Dichloroethane	2000	1820	91	12	30	79-119	
trans-1,2-Dichloroethene	2000	1620	81	12	30	73-119	
cis-1,2-Dichloroethene	2000	1730	86	7	30	78-118	
Chloroform	2000	1820	91	7	30	81-122	
2-Butanone	2000	2360	118	4	30	70-139	
1,2-Dichloroethane	2000	1770	88	9	30	81-121	
1,1,1-Trichloroethane	2000	1700	85	8	30	78-118	
Carbon tetrachloride	2000	1600	80	8	30	64-130	
Benzene	2000	2080	104	4	30	71-118	
Bromoform	2000	1590	80	10	30	76-133	
Styrene	2000	1960	98	10	30	73-126	
m&p-Xylene	4000	3900	98	11	30	78-127	
o-Xylene	2000	1930	96	11	30	77-122	
Ethylbenzene	2000	1980	99	9	30	78-124	
Chlorobenzene	2000	1900	95	8	30	69-124	
Cyclohexane	2000	2100	105	4	30	69-128	
Isopropylbenzene	2000	1910	96	12	30	80-143	
2-Hexanone	2000	1770	88	4	30	62-123	
MTBE	2000	1700	85	10	30	65-143	
Freon TF	2000	1590	79	11	30	50-128	
Methyl acetate	2000	1560	78	18	30	72-165	
1,4-Dioxane	15000	16400	110	8	30	54-147	
Trichloroethene	2000	1730	86	8	30	82-122	
Toluene	2000	2040	102	7	30	79-136	
trans-1,3-Dichloropropene	2000	1940	97	5	30	73-118	
4-Methyl-2-pentanone	2000	2430	121	1	30	69-124	
cis-1,3-Dichloropropene	2000	1990	100	5	30	75-120	
1,2-Dichlorobenzene	2000	1850	93	9	30	83-123	
1,3-Dichlorobenzene	2000	1870	94	8	30	83-123	
1,4-Dichlorobenzene	2000	1870	94	7	30	84-124	
1,2,4-Trichlorobenzene	2000	1790	90	8	30	62-144	
1,2,3-Trichlorobenzene	2000	1800	90	10	30	36-207	
1,2-Dichloropropane	2000	2060	103	8	30	78-118	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Matrix: Solid Level: Medium Lab File ID: e07801.d

Lab ID: LCSD 460-128032/16 Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Methylcyclohexane	2000	1770	89	6	30	80-134	
Tetrachloroethene	2000	1770	88	7	30	78-136	
1,2-Dibromo-3-Chloropropane	2000	1970	99	10	30	62-127	
1,1,2,2-Tetrachloroethane	2000	2170	109	9	30	86-145	
1,1,2-Trichloroethane	2000	1930	96	7	30	77-120	
Dibromochloromethane	2000	1730	87	4	30	78-118	
1,2-Dibromoethane	2000	1860	93	6	30	76-120	
Dichlorodifluoromethane	2000	1380	69	19	30	41-149	
Bromochloromethane	2000	1670	83	7	30	81-121	
Bromodichloromethane	2000	1770	88	4	30	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: p61671.d
Lab ID: 460-44720-A-1 MS Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Chloromethane	100	0.10 U	85.5	86	58-146	
Bromomethane	100	0.18 U	106	106	55-153	
Vinyl chloride	100	0.14 U	83.0	83	61-144	
Chloroethane	100	0.17 U	118	118	69-145	
Methylene Chloride	100	0.18 U	84.5	85	79-119	
Acetone	100	2.7 U	91.0	91	45-156	
Carbon disulfide	100	0.13 U	75.4	75	58-139	
Trichlorofluoromethane	100	0.15 U	117	117	69-147	
1,1-Dichloroethene	100	0.17 J	93.6	93	56-139	
1,1-Dichloroethane	100	0.13 U	87.0	87	78-122	
trans-1,2-Dichloroethene	100	0.13 U	88.4	88	75-122	
cis-1,2-Dichloroethene	100	12	106	94	80-120	
Chloroform	100	0.080 U	102	102	82-123	
2-Butanone	100	2.3 U	98.4	98	65-114	
1,2-Dichloroethane	100	0.19 U	101	101	74-118	
1,1,1-Trichloroethane	100	0.060 U	96.3	96	74-128	
Carbon tetrachloride	100	0.060 U	87.2	87	73-120	
Benzene	100	0.080 U	99.3	99	83-124	
Bromoform	100	0.19 U	72.3	72	73-123	F
Styrene	100	0.12 U	94.5	95	69-112	
m&p-Xylene	200	0.25 U	191	95	76-120	
o-Xylene	100	0.13 U	95.1	95	78-118	
Ethylbenzene	100	0.10 U	93.7	94	79-126	
Chlorobenzene	100	0.11 U	97.1	97	81-121	
Cyclohexane	100	0.16 U	92.7	93	58-133	
Isopropylbenzene	100	0.080 U	97.0	97	80-125	
2-Hexanone	100	0.50 U	78.0	78	53-121	
MTBE	100	0.14 U	80.8	81	71-115	
Freon TF	100	0.080 U	88.5	88	47-139	
Methyl acetate	100	0.34 U	67.8	68	50-151	
1,4-Dioxane	750	36 U	885	118	52-126	
Trichloroethene	100	82	160	78	78-119	
Toluene	100	0.15 U	94.9	95	80-120	
trans-1,3-Dichloropropene	100	0.24 U	84.5	84	78-118	
4-Methyl-2-pentanone	100	0.99 U	73.8	74	53-120	
cis-1,3-Dichloropropene	100	0.18 U	86.4	86	80-120	
1,2-Dichlorobenzene	100	0.21 U	98.8	99	82-122	
1,3-Dichlorobenzene	100	0.14 U	96.7	97	81-126	
1,4-Dichlorobenzene	100	0.23 U	98.6	99	83-123	
1,2,4-Trichlorobenzene	100	0.34 U	99.4	99	66-120	
1,2,3-Trichlorobenzene	100	0.51 U	99.2	99	76-123	
1,2-Dichloropropane	100	0.090 U	97.6	98	80-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: p61671.d
Lab ID: 460-44720-A-1 MS Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Methylcyclohexane	100	0.14 U	92.4	92	61-129	
Tetrachloroethene	100	0.19 J	97.6	97	68-139	
1,2-Dibromo-3-Chloropropane	100	0.40 U	80.4	80	70-116	
1,1,2,2-Tetrachloroethane	100	0.16 U	92.0	92	74-126	
1,1,2-Trichloroethane	100	0.19 U	93.5	93	79-119	
Dibromochloromethane	100	0.20 U	82.3	82	80-120	
1,2-Dibromoethane	100	0.28 U	96.4	96	78-118	
Dichlorodifluoromethane	100	0.22 U	96.0	96	46-145	
Bromochloromethane	100	0.27 U	96.6	97	80-121	
Bromodichloromethane	100	0.12 U	90.6	91	79-119	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Matrix: Water Level: Low Lab File ID: p61672.d

Lab ID: 460-44720-A-1 MSD Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Chloromethane	100	89.1	89	4	30	58-146	
Bromomethane	100	115	115	9	30	55-153	
Vinyl chloride	100	88.0	88	6	30	61-144	
Chloroethane	100	118	118	0	30	69-145	
Methylene Chloride	100	84.6	85	0	30	79-119	
Acetone	100	91.7	92	1	30	45-156	
Carbon disulfide	100	77.7	78	3	30	58-139	
Trichlorofluoromethane	100	119	119	2	30	69-147	
1,1-Dichloroethene	100	95.0	95	1	30	56-139	
1,1-Dichloroethane	100	86.9	87	0	30	78-122	
trans-1,2-Dichloroethene	100	89.1	89	1	30	75-122	
cis-1,2-Dichloroethene	100	104	92	2	30	80-120	
Chloroform	100	102	102	1	30	82-123	
2-Butanone	100	101	101	3	30	65-114	
1,2-Dichloroethane	100	102	102	1	30	74-118	
1,1,1-Trichloroethane	100	97.2	97	1	30	74-128	
Carbon tetrachloride	100	89.2	89	2	30	73-120	
Benzene	100	100	100	1	30	83-124	
Bromoform	100	73.1	73	1	30	73-123	
Styrene	100	95.6	96	1	30	69-112	
m&p-Xylene	200	193	97	1	30	76-120	
o-Xylene	100	97.2	97	2	30	78-118	
Ethylbenzene	100	95.0	95	1	30	79-126	
Chlorobenzene	100	98.0	98	1	30	81-121	
Cyclohexane	100	90.7	91	2	30	58-133	
Isopropylbenzene	100	99.2	99	2	30	80-125	
2-Hexanone	100	78.4	78	1	30	53-121	
MTBE	100	82.5	83	2	30	71-115	
Freon TF	100	88.6	89	0	30	47-139	
Methyl acetate	100	68.2	68	1	30	50-151	
1,4-Dioxane	750	856	114	3	30	52-126	
Trichloroethene	100	164	82	2	30	78-119	
Toluene	100	97.2	97	2	30	80-120	
trans-1,3-Dichloropropene	100	85.8	86	2	30	78-118	
4-Methyl-2-pentanone	100	76.0	76	3	30	53-120	
cis-1,3-Dichloropropene	100	87.3	87	1	30	80-120	
1,2-Dichlorobenzene	100	98.7	99	0	30	82-122	
1,3-Dichlorobenzene	100	98.9	99	2	30	81-126	
1,4-Dichlorobenzene	100	99.0	99	0	30	83-123	
1,2,4-Trichlorobenzene	100	99.5	99	0	30	66-120	
1,2,3-Trichlorobenzene	100	101	101	2	30	76-123	
1,2-Dichloropropane	100	97.2	97	0	30	80-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Matrix: Water Level: Low Lab File ID: p61672.d

Lab ID: 460-44720-A-1 MSD Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Methylcyclohexane	100	94.2	94	2	30	61-129	
Tetrachloroethene	100	98.5	98	1	30	68-139	
1,2-Dibromo-3-Chloropropane	100	81.1	81	1	30	70-116	
1,1,2,2-Tetrachloroethane	100	92.4	92	0	30	74-126	
1,1,2-Trichloroethane	100	93.3	93	0	30	79-119	
Dibromochloromethane	100	81.6	82	1	30	80-120	
1,2-Dibromoethane	100	95.7	96	1	30	78-118	
Dichlorodifluoromethane	100	98.8	99	3	30	46-145	
Bromochloromethane	100	95.4	95	1	30	80-121	
Bromodichloromethane	100	91.0	91	0	30	79-119	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Lab File ID: e07804.d Lab Sample ID: MB 460-128032/17
Matrix: Solid Heated Purge: (Y/N) N
Instrument ID: VOAMS5 Date Analyzed: 09/15/2012 13:24
GC Column: Rtx-VMS ID: 0.18 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-128032/3	e07800.d	09/15/2012 11:21
	LCSD 460-128032/16	e07801.d	09/15/2012 12:11
201209105B-365VO-2N	460-44405-1	e07814.d	09/15/2012 17:18

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Lab File ID: p61663.d Lab Sample ID: MB 460-128358/3
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: VOAMS13 Date Analyzed: 09/18/2012 22:47
GC Column: DB-624 ID: 0.18 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
20120910EB	460-44405-2	p61664.d	09/18/2012 23:11
20120910TB	460-44405-3	p61665.d	09/18/2012 23:36
	LCS 460-128358/10	p61670.d	09/19/2012 01:37
	460-44720-A-1 MS	p61671.d	09/19/2012 02:22
	460-44720-A-1 MSD	p61672.d	09/19/2012 02:46

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Lab File ID: p61352.d BFB Injection Date: 09/11/2012
Instrument ID: VOAMS13 BFB Injection Time: 19:36
Analysis Batch No.: 127499

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	18.4
75	30.0 - 60.0 % of mass 95	45.6
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.6
173	Less than 2.0 % of mass 174	0.0 (0.0)1
174	50.0 - 120.00 % of mass 95	73.4
175	5.0 - 9.0 % of mass 174	5.5 (7.5)1
176	95.0 - 101.0 % of mass 174	71.2 (96.9)1
177	5.0 - 9.0 % of mass 176	4.6 (6.5)2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 460-127499/2	p61357.d	09/11/2012	21:33
	IC 460-127499/3	p61358.d	09/11/2012	21:57
	ICIS 460-127499/4	p61359.d	09/11/2012	22:21
	IC 460-127499/5	p61360.d	09/11/2012	22:45
	IC 460-127499/6	p61361.d	09/11/2012	23:09
	IC 460-127499/7	p61362.d	09/11/2012	23:34

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Lab File ID: p61657.d BFB Injection Date: 09/18/2012

Instrument ID: VOAMS13 BFB Injection Time: 20:26

Analysis Batch No.: 128358

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	17.1
75	30.0 - 60.0 % of mass 95	47.2
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	7.1
173	Less than 2.0 % of mass 174	0.9 (1.2)1
174	50.0 - 120.00 % of mass 95	76.0
175	5.0 - 9.0 % of mass 174	5.6 (7.4)1
176	95.0 - 101.0 % of mass 174	74.2 (97.6)1
177	5.0 - 9.0 % of mass 176	5.1 (6.9)2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-128358/2	p61659.d	09/18/2012	21:10
	MB 460-128358/3	p61663.d	09/18/2012	22:47
20120910EB	460-44405-2	p61664.d	09/18/2012	23:11
20120910TB	460-44405-3	p61665.d	09/18/2012	23:36
	LCS 460-128358/10	p61670.d	09/19/2012	01:37
	460-44720-A-1 MS	p61671.d	09/19/2012	02:22
	460-44720-A-1 MSD	p61672.d	09/19/2012	02:46

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Lab File ID: e07321.d BFB Injection Date: 09/04/2012
Instrument ID: VOAMS5 BFB Injection Time: 09:20
Analysis Batch No.: 126543

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	19.1
75	30.0 - 60.0 % of mass 95	52.4
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.6
173	Less than 2.0 % of mass 174	0.5 (0.6)1
174	50.0 - 120.00 % of mass 95	88.9
175	5.0 - 9.0 % of mass 174	7.9 (8.9)1
176	95.0 - 101.0 % of mass 174	85.0 (95.6)1
177	5.0 - 9.0 % of mass 176	5.9 (6.9)2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 460-126543/2	e07324.d	09/04/2012	10:21
	IC 460-126543/3	e07325.d	09/04/2012	10:45
	ICIS 460-126543/4	e07326.d	09/04/2012	11:08
	IC 460-126543/5	e07327.d	09/04/2012	11:31
	IC 460-126543/6	e07328.d	09/04/2012	11:55
	IC 460-126543/7	e07329.d	09/04/2012	12:18

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Lab File ID: e07798.d BFB Injection Date: 09/15/2012
Instrument ID: VOAMS5 BFB Injection Time: 10:10
Analysis Batch No.: 128032

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	21.5
75	30.0 - 60.0 % of mass 95	52.0
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.5
173	Less than 2.0 % of mass 174	0.4 (0.5)1
174	50.0 - 120.00 % of mass 95	81.6
175	5.0 - 9.0 % of mass 174	6.5 (8.0)1
176	95.0 - 101.0 % of mass 174	79.8 (97.9)1
177	5.0 - 9.0 % of mass 176	5.3 (6.7)2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-128032/2	e07799.d	09/15/2012	10:56
	LCS 460-128032/3	e07800.d	09/15/2012	11:21
	LCSD 460-128032/16	e07801.d	09/15/2012	12:11
	MB 460-128032/17	e07804.d	09/15/2012	13:24
201209105B-365VO-2N	460-44405-1	e07814.d	09/15/2012	17:18

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Sample No.: CCVIS 460-128358/2 Date Analyzed: 09/18/2012 21:10
Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18 (mm)
Lab File ID (Standard): p61659.d Heated Purge: (Y/N) N
Calibration ID: 17430

	FB		CBZ		DCB	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD	617711	4.08	471557	7.62	260732	11.21
UPPER LIMIT	1235422	4.58	943114	8.12	521464	11.71
LOWER LIMIT	308856	3.58	235779	7.12	130366	10.71
LAB SAMPLE ID	CLIENT SAMPLE ID					
MB 460-128358/3		594467	4.08	459347	7.62	258623
460-44405-2	20120910EB	562271	4.08	433650	7.62	244917
460-44405-3	20120910TB	535377	4.08	413709	7.62	226749
LCS 460-128358/10		620285	4.08	458161	7.62	256353
460-44720-A-1 MS		609132	4.08	464142	7.62	258367
460-44720-A-1 MSD		617114	4.08	470093	7.62	259379

FB = Fluorobenzene

CBZ = Chlorobenzene-d5

DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area

RT Limit = \pm 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Sample No.: CCVIS 460-128032/2 Date Analyzed: 09/15/2012 10:56
Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18 (mm)
Lab File ID (Standard): e07799.d Heated Purge: (Y/N) N
Calibration ID: 17268

	FB		CBZ		DCB		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	1414377	3.60	1134071	6.95	660293	10.47	
UPPER LIMIT	2828754	4.10	2268142	7.45	1320586	10.97	
LOWER LIMIT	707189	3.10	567036	6.45	330147	9.97	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-128032/3		1288019	3.60	1095071	6.95	657405	10.47
LCSD 460-128032/16		1423765	3.60	1157571	6.95	664802	10.47
MB 460-128032/17		1374756	3.59	1070709	6.95	607277	10.47
460-44405-1	201209105B-365VO-2N	1494083	3.59	1122479	6.95	527797	10.47

FB = Fluorobenzene

CBZ = Chlorobenzene-d5

DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area

RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-44405-1</u>
SDG No.:	
Client Sample ID: <u>201209105B-365VO-2N</u>	Lab Sample ID: <u>460-44405-1</u>
Matrix: <u>Solid</u>	Lab File ID: <u>e07814.d</u>
Analysis Method: <u>8260B</u>	Date Collected: <u>09/10/2012 11:10</u>
Sample wt/vol: <u>3.47 (g)</u>	Date Analyzed: <u>09/15/2012 17:18</u>
Soil Aliquot Vol: <u>5 (mL)</u>	Dilution Factor: <u>100</u>
Soil Extract Vol.: <u>10 (mL)</u>	GC Column: <u>Rtx-VMS</u> ID: <u>0.18 (mm)</u>
% Moisture: <u>29.1</u>	Level: <u>(low/med) Medium</u>
Analysis Batch No.: <u>128032</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	39	U	410	39
74-83-9	Bromomethane	74	U	410	74
75-01-4	Vinyl chloride	2300		410	59
75-00-3	Chloroethane	69	U	410	69
75-09-2	Methylene Chloride	74	U	410	74
67-64-1	Acetone	1100	U	2000	1100
75-15-0	Carbon disulfide	51	U	410	51
75-69-4	Trichlorofluoromethane	59	U	410	59
75-35-4	1,1-Dichloroethene	36	U	410	36
75-34-3	1,1-Dichloroethane	53	U	410	53
156-60-5	trans-1,2-Dichloroethene	52	U	410	52
156-59-2	cis-1,2-Dichloroethene	420		410	72
67-66-3	Chloroform	32	U	410	32
78-93-3	2-Butanone	940	U	2000	940
107-06-2	1,2-Dichloroethane	630		410	77
71-55-6	1,1,1-Trichloroethane	25	U	410	25
56-23-5	Carbon tetrachloride	23	U	410	23
71-43-2	Benzene	250	J	410	34
75-25-2	Bromoform	78	U	410	78
100-42-5	Styrene	48	U	410	48
179601-23-1	m&p-Xylene	12000		810	100
95-47-6	o-Xylene	7400		410	53
100-41-4	Ethylbenzene	31000		410	39
108-90-7	Chlorobenzene	86	J	410	45
110-82-7	Cyclohexane	150	J	410	64
98-82-8	Isopropylbenzene	300	J	410	31
591-78-6	2-Hexanone	200	U	2000	200
1634-04-4	MTBE	56	U	410	56
76-13-1	Freon TF	33	U	410	33
79-20-9	Methyl acetate	140	U	810	140
123-91-1	1,4-Dioxane	15000	U	20000	15000
79-01-6	Trichloroethene	37	U	410	37
108-88-3	Toluene	18000		410	61
10061-02-6	trans-1,3-Dichloropropene	99	U	410	99
108-10-1	4-Methyl-2-pentanone	400	U	2000	400
10061-01-5	cis-1,3-Dichloropropene	75	U	410	75

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-44405-1</u>
SDG No.:	
Client Sample ID: <u>201209105B-365VO-2N</u>	Lab Sample ID: <u>460-44405-1</u>
Matrix: <u>Solid</u>	Lab File ID: <u>e07814.d</u>
Analysis Method: <u>8260B</u>	Date Collected: <u>09/10/2012 11:10</u>
Sample wt/vol: <u>3.47 (g)</u>	Date Analyzed: <u>09/15/2012 17:18</u>
Soil Aliquot Vol: <u>5 (mL)</u>	Dilution Factor: <u>100</u>
Soil Extract Vol.: <u>10 (mL)</u>	GC Column: <u>Rtx-VMS</u> ID: <u>0.18 (mm)</u>
% Moisture: <u>29.1</u>	Level: <u>(low/med) Medium</u>
Analysis Batch No.: <u>128032</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	83	U	410	83
541-73-1	1,3-Dichlorobenzene	55	U	410	55
106-46-7	1,4-Dichlorobenzene	95	U	410	95
120-82-1	1,2,4-Trichlorobenzene	140	U	410	140
87-61-6	1,2,3-Trichlorobenzene	210	U	410	210
78-87-5	1,2-Dichloropropane	35	U	410	35
108-87-2	Methylcyclohexane	5900		410	55
127-18-4	Tetrachloroethene	59	J	410	39
96-12-8	1,2-Dibromo-3-Chloropropane	160	U	410	160
79-34-5	1,1,2,2-Tetrachloroethane	64	U	410	64
79-00-5	1,1,2-Trichloroethane	76	U	410	76
124-48-1	Dibromochloromethane	81	U	410	81
106-93-4	1,2-Dibromoethane	110	U	410	110
75-71-8	Dichlorodifluoromethane	88	U	410	88
74-97-5	Bromochloromethane	110	U	410	110
75-27-4	Bromodichloromethane	51	U	410	51

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	71	X	75-135
2037-26-5	Toluene-d8 (Surr)	76		59-150
460-00-4	Bromofluorobenzene	71	X	72-133

Data File: /chem/VOAMS5.i/8260/09-04-12/15sep12.b/e07814.d
Report Date: 19-Sep-2012 18:18

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260/09-04-12/15sep12.b/e07814.d
Lab Smp Id: 460-44405-B-1-A Client Smp ID: 201209105B-365VO-2N
Inj Date : 15-SEP-2012 17:18
Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
Smp Info : 460-44405-B-1-A;100;;3.47;10
Misc Info : 460-44405-B-1-A
Comment :
Method : /chem/VOAMS5.i/8260/09-04-12/15sep12.b/8260_09.m
Meth Date : 15-Sep-2012 12:01 audberto Quant Type: ISTD
Cal Date : 04-SEP-2012 12:18 Cal File: e07329.d
Als bottle: 16
Dil Factor: 100.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	100.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	3.47000	Weight of sample extracted (g)
M	29.07801	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS						
		MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/Kg)
4 Vinyl Chloride	62	1.022	1.016	(0.285)		51494	5.68764	2300
36 cis-1,2-Dichloroethene	96	2.644	2.650	(0.737)		8237	1.03970	420
44 Cyclohexane	56	2.766	2.778	(0.771)		4451	0.36320	150(a)
48 Benzene	78	3.254	3.254	(0.468)		15335	0.60846	250(a)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.357	3.357	(0.935)		162773	17.8705	7300(R)
49 1,2-Dichloroethane	62	3.406	3.412	(0.949)		17211	1.55096	630
* 52 Fluorobenzene	96	3.589	3.595	(1.000)		1494083	50.0000	
166 2,4,4-Trimethyl-1-pentene	112	3.632	3.638	(1.012)		65268	27.7573	11000
56 Methyl cyclohexane	83	3.717	3.723	(1.036)		168694	14.4801	5900
\$ 65 Toluene-d8 (SUR)	98	5.101	5.107	(0.734)		486476	19.0926	7800
66 Toluene	91	5.156	5.156	(0.742)		1275001	43.4863	18000
71 Tetrachloroethene	166	5.576	5.583	(0.803)		1170	0.14573	59(a)
* 78 Chlorobenzene-d5	117	6.948	6.954	(1.000)		1122479	50.0000	
79 Chlorobenzene	112	6.966	6.973	(1.003)		4395	0.21043	86(a)

Data File: /chem/VOAMS5.i/8260/09-04-12/15sep12.b/e07814.d
 Report Date: 19-Sep-2012 18:18

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)
81 Ethylbenzene	106	7.064	7.064	(1.017)	838820	77.2290	31000
82 m+p-Xylene	106	7.277	7.277	(1.047)	403161	28.9994	12000
84 o-Xylene	106	7.856	7.856	(1.131)	247802	18.1035	7400
88 Isopropylbenzene	105	8.344	8.344	(1.201)	25836	0.72961	300(a)
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	153146	17.7117	7200(R)
95 n-Propylbenzene	91	8.978	8.978	(0.858)	30648	0.96165	390(a)
97 1,3,5-Trimethylbenzene	105	9.326	9.326	(0.891)	46330	1.96662	800
100 tert-Butylbenzene	119	9.789	9.789	(0.935)	2404	0.12301	50(a)
101 1,2,4-Trimethylbenzene	105	9.917	9.917	(0.948)	68112	2.80064	1100
103 sec-Butylbenzene	105	10.076	10.082	(0.963)	8177	0.30745	120(a)
107 p-Isopropyltoluene	119	10.362	10.362	(0.990)	148740	6.16604	2500
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	527797	50.0000	
171 Indan	117	10.771	10.771	(3.001)	8624	0.23034	94(a)
116 Naphthalene	128	13.276	13.270	(1.269)	29549	1.76023	720
M 120 1,2-Dichloroethene (Total)	100				8237	1.03970	420
M 121 Xylene (Total)	100				650963	47.1029	19000

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

R - Spike/Surrogate failed recovery limits.

Data File: e07814.d

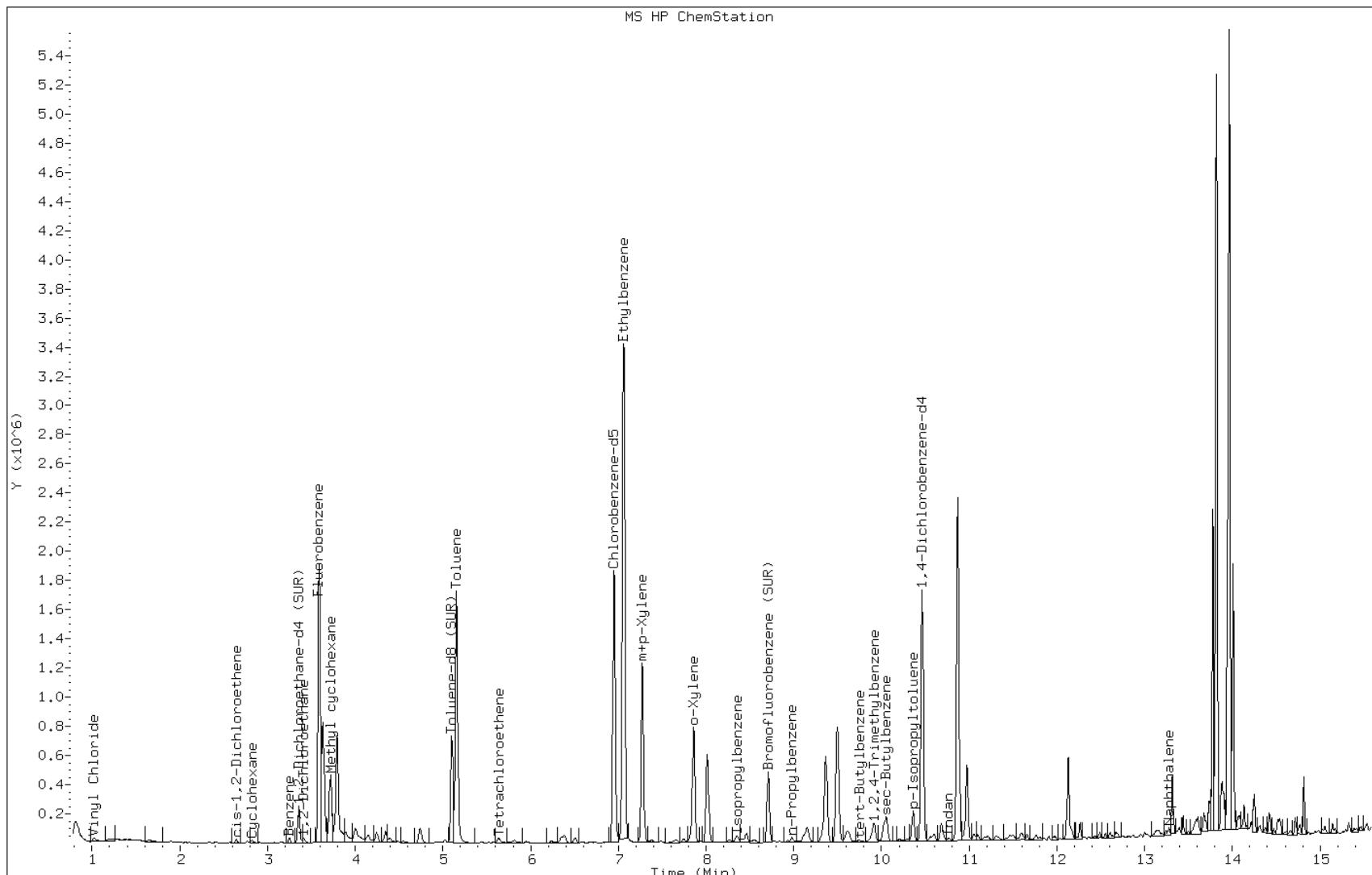
Date: 15-SEP-2012 17:18

Client ID: 201209105B-365VO-2N

Instrument: VOAMS5.i

Sample Info: 460-44405-B-1-A;100;;3.47;10

Operator: GC/MS VOAMS5



Data File: e07814.d

Date: 15-SEP-2012 17:18

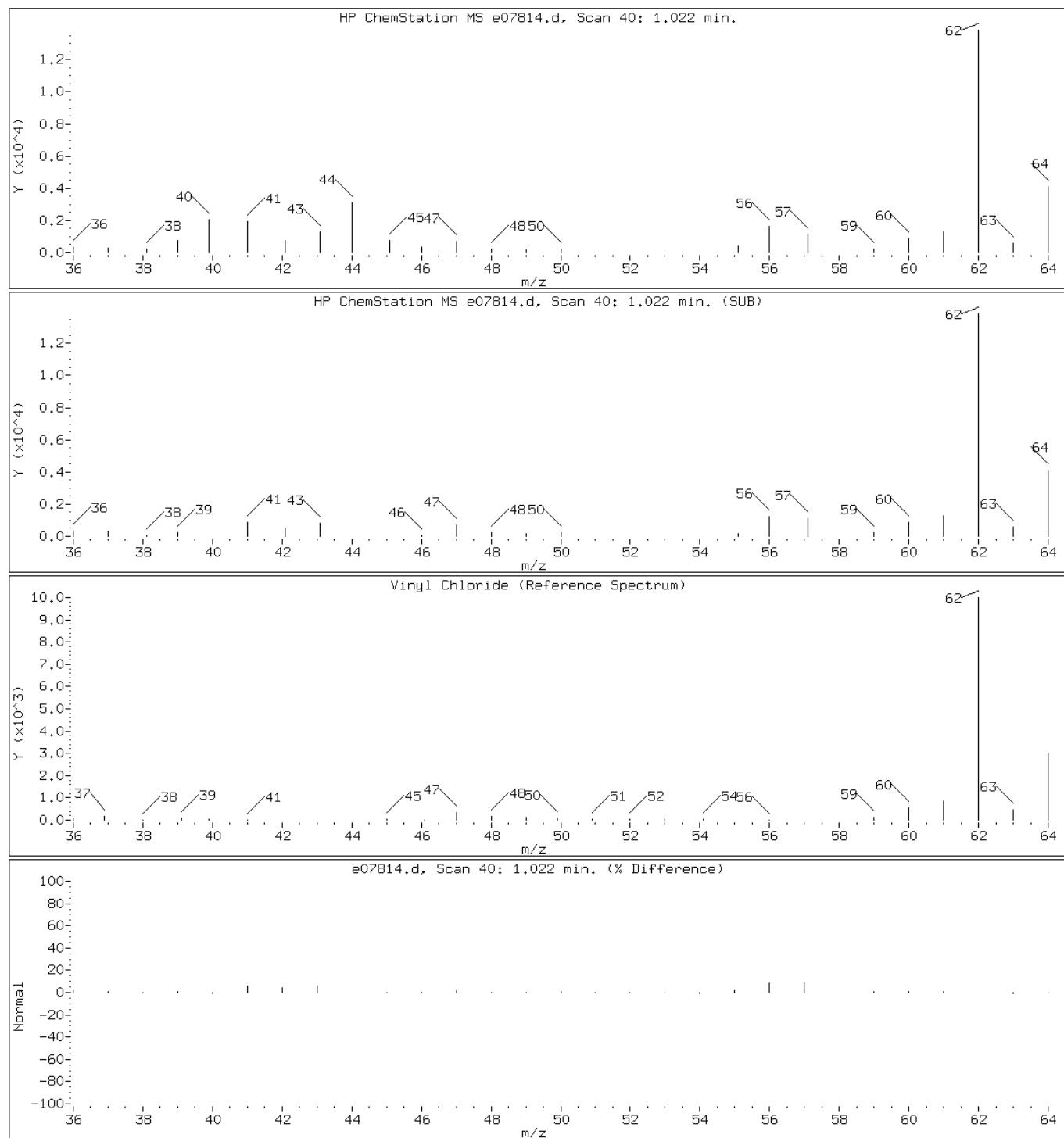
Client ID: 201209105B-365VO-2N

Instrument: VOAMS5.i

Sample Info: 460-44405-B-1-A;100;;3.47;10

Operator: GC/MS VOAMS5

4 Vinyl Chloride



Data File: e07814.d

Date: 15-SEP-2012 17:18

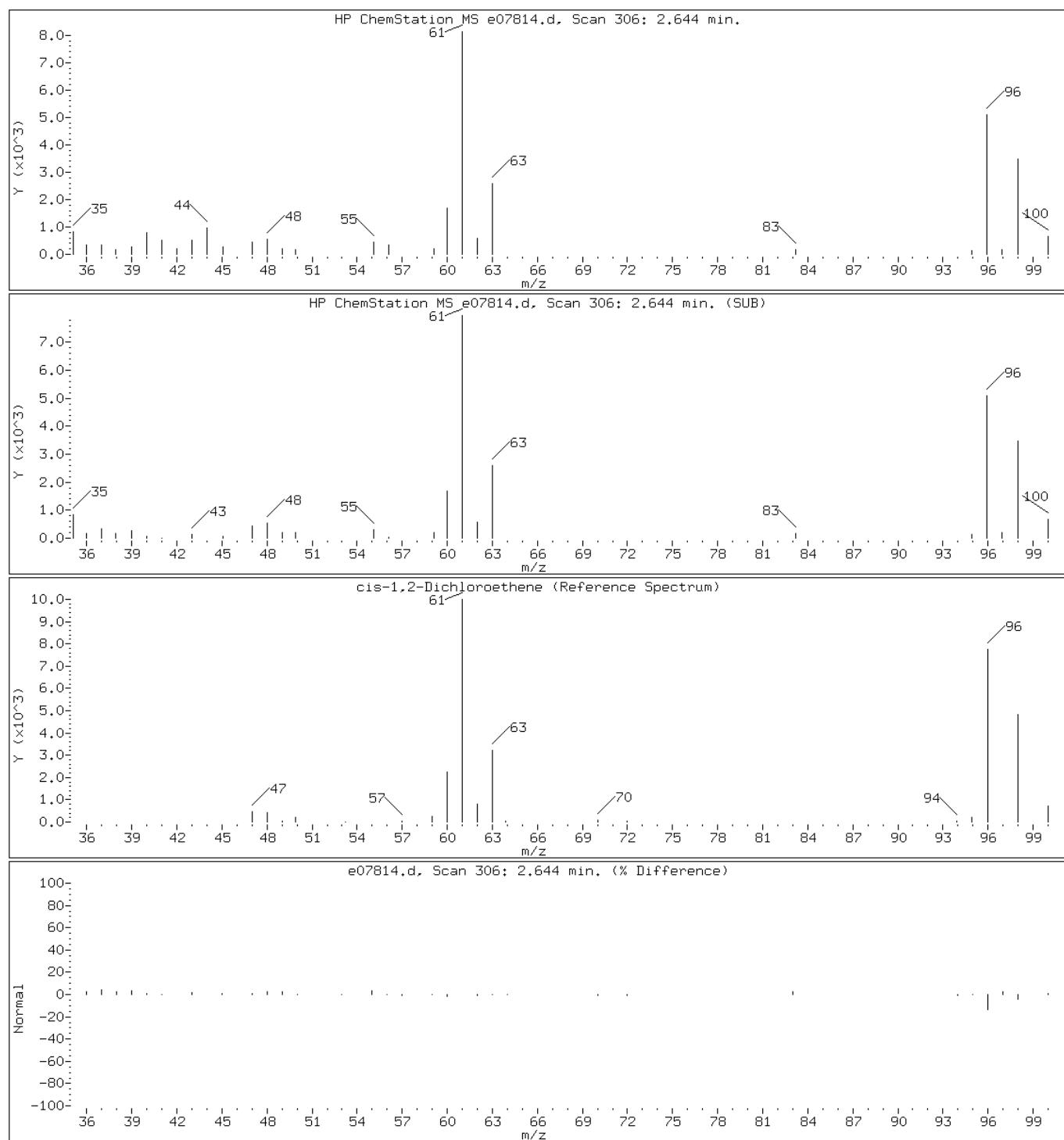
Client ID: 201209105B-365VO-2N

Instrument: VOAMS5.i

Sample Info: 460-44405-B-1-A;100;;3.47;10

Operator: GC/MS VOAMS5

36 cis-1,2-Dichloroethene



Data File: e07814.d

Date: 15-SEP-2012 17:18

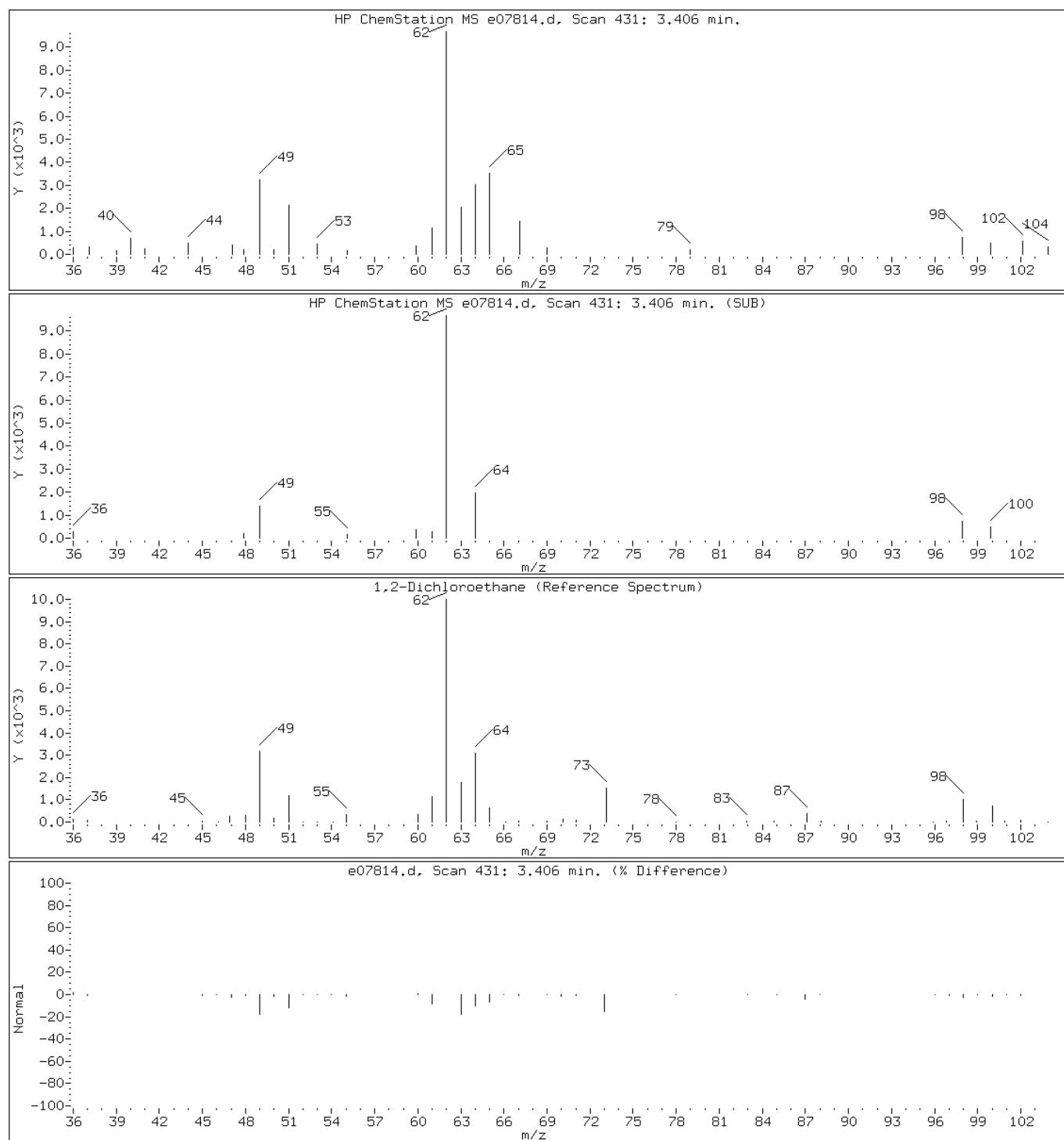
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Instrument: VOAMS5.i

Sample Info: 460-44405-B-1-A;100;;3.47;10

Operator: GC/MS VOAMS5

49 1,2-Dichloroethane



Data File: e07814.d

Date: 15-SEP-2012 17:18

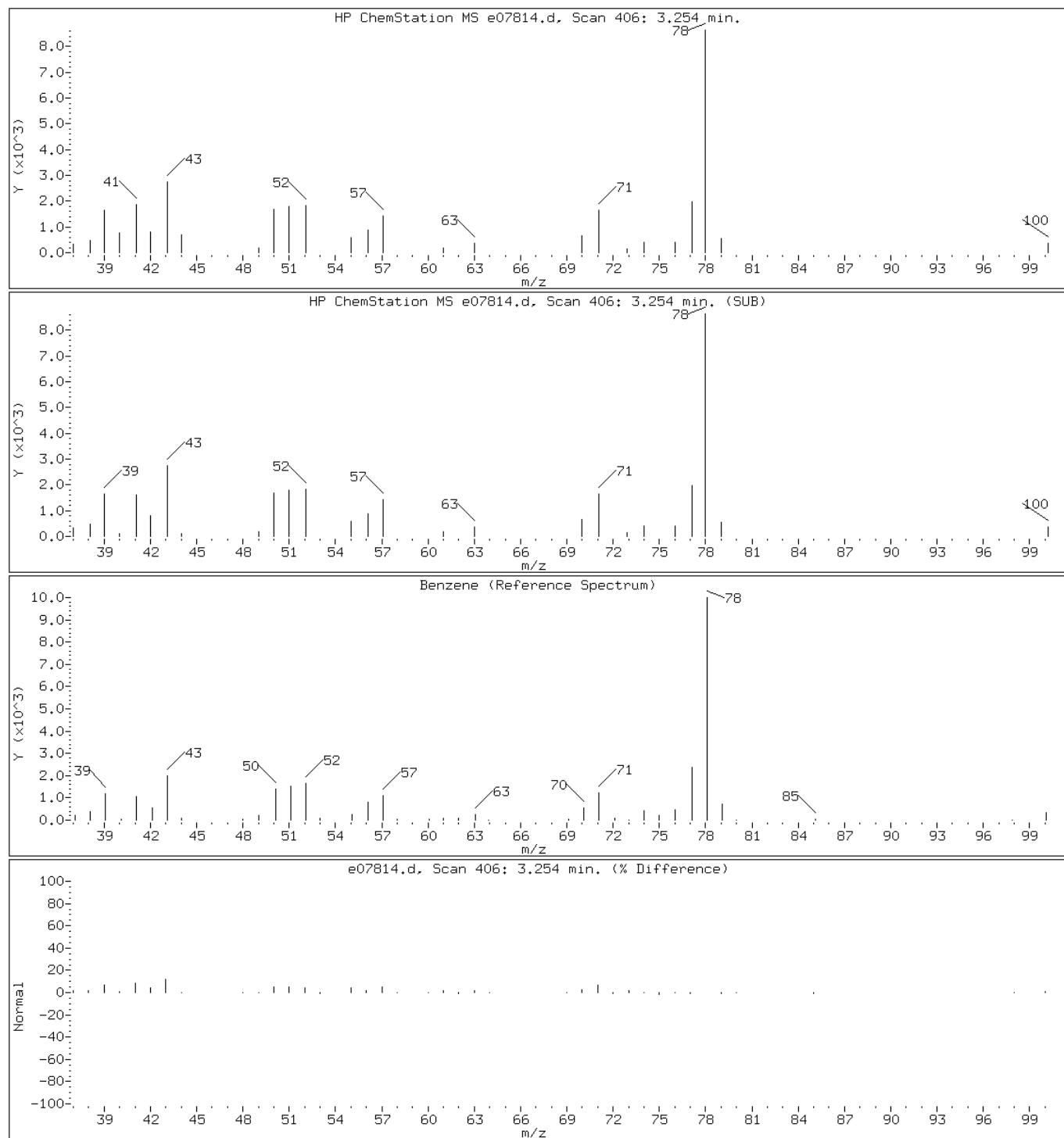
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Instrument: VOAMS5.i

Sample Info: 460-44405-B-1-A;100;;3.47;10

Operator: GC/MS VOAMS5

48 Benzene



Data File: e07814.d

Date: 15-SEP-2012 17:18

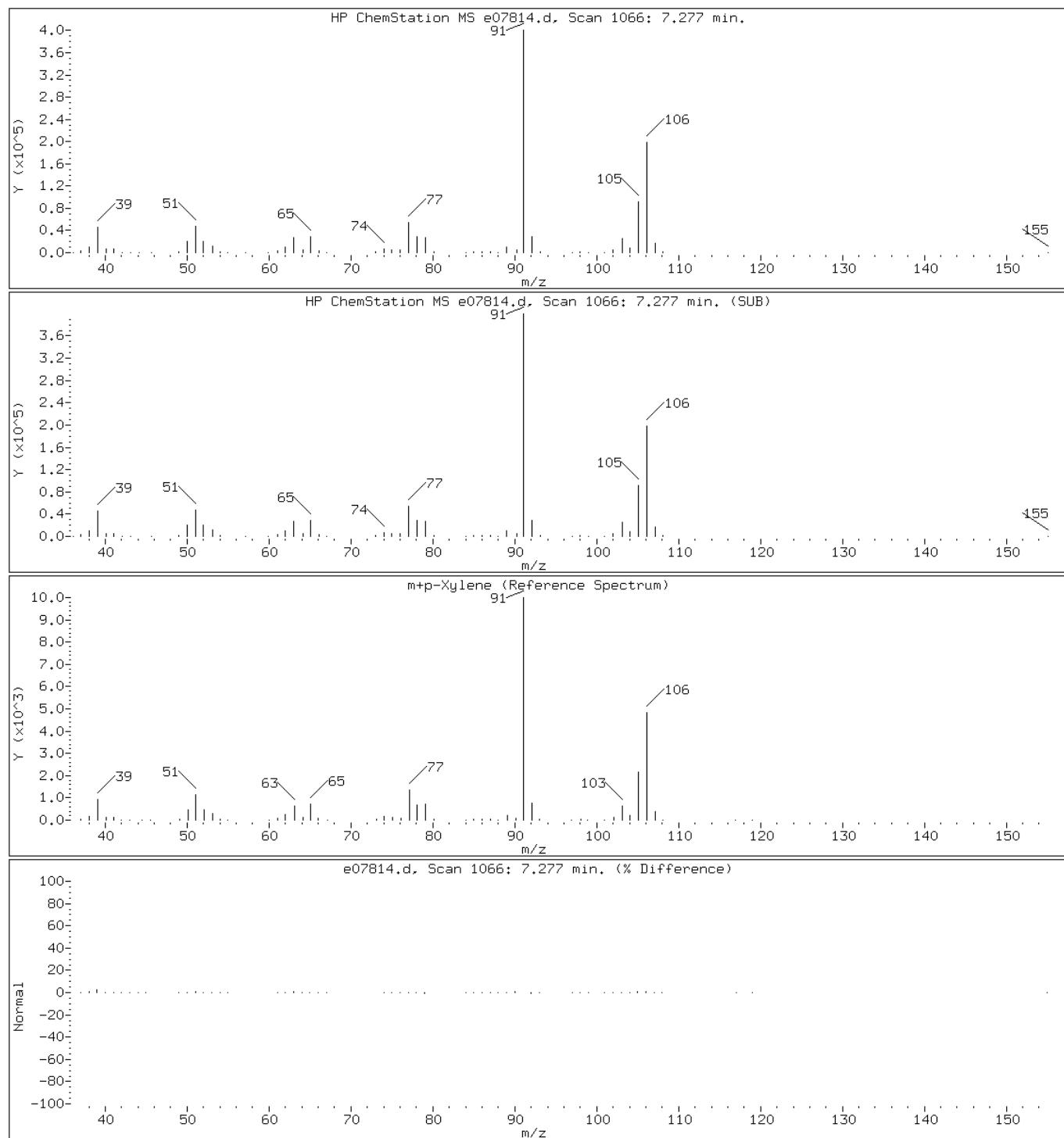
Client ID: 201209105B-365VO-2N

Instrument: VOAMS5.i

Sample Info: 460-44405-B-1-A;100;;3.47;10

Operator: GC/MS VOAMS5

82 m+p-Xylene



Data File: e07814.d

Date: 15-SEP-2012 17:18

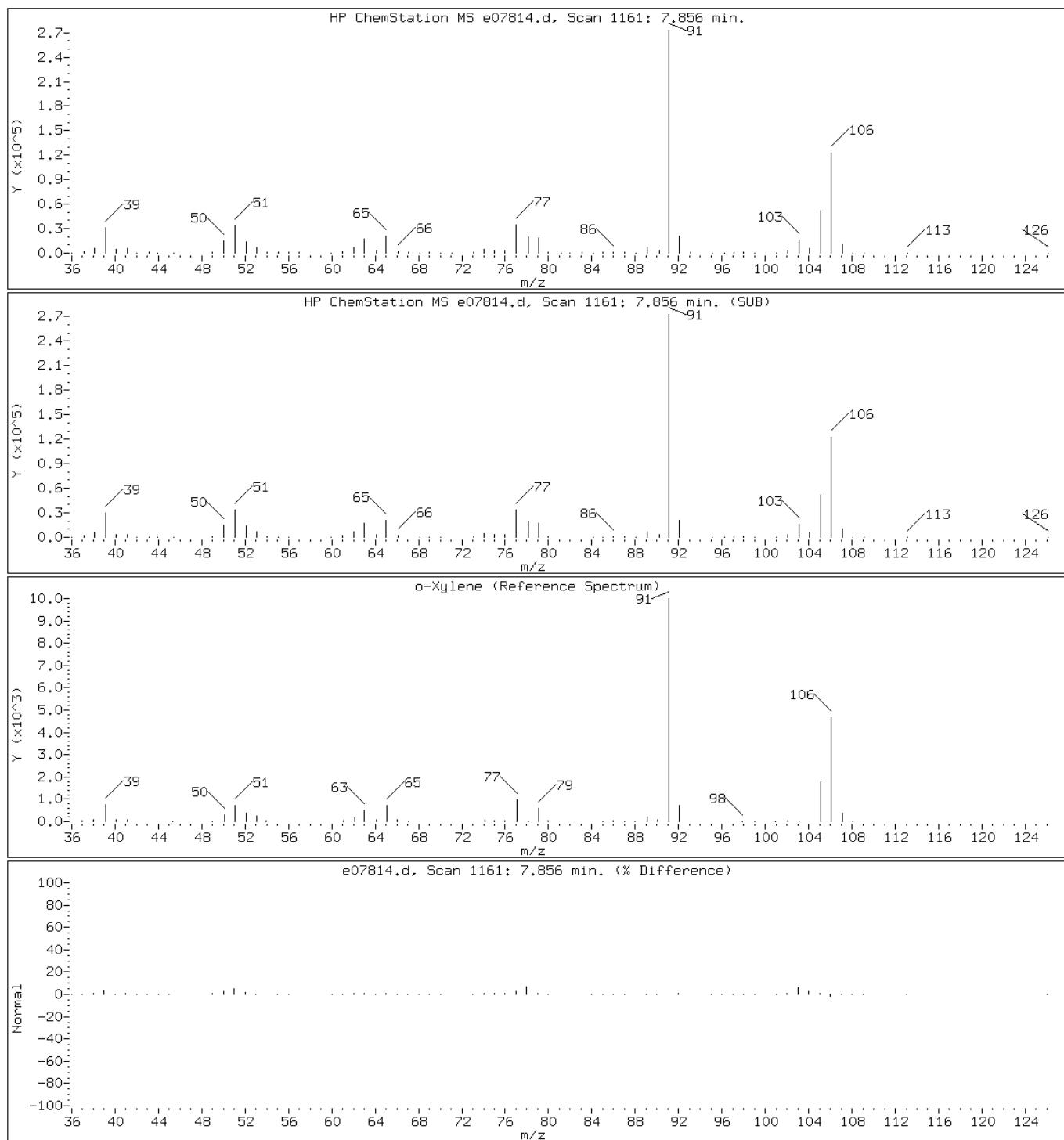
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Instrument: VOAMS5.i

Sample Info: 460-44405-B-1-A;100;;3.47;10

Operator: GC/MS VOAMS5

84 o-Xylene



Data File: e07814.d

Date: 15-SEP-2012 17:18

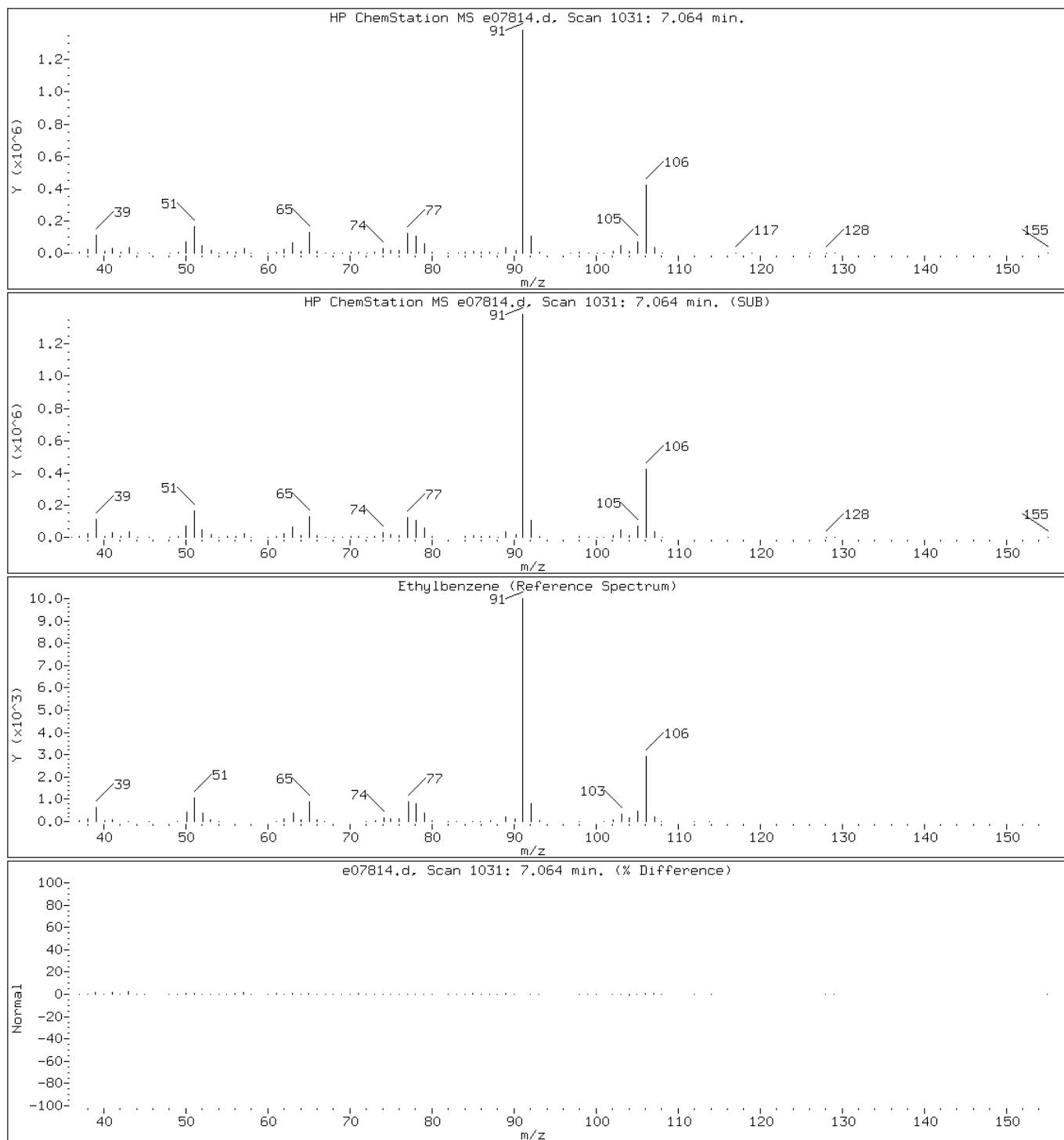
Client ID: 201209105B-365VO-2N

Instrument: VOAMS5.i

Sample Info: 460-44405-B-1-A;100;;3.47;10

Operator: GC/MS VOAMS5

81 Ethylbenzene



Data File: e07814.d

Date: 15-SEP-2012 17:18

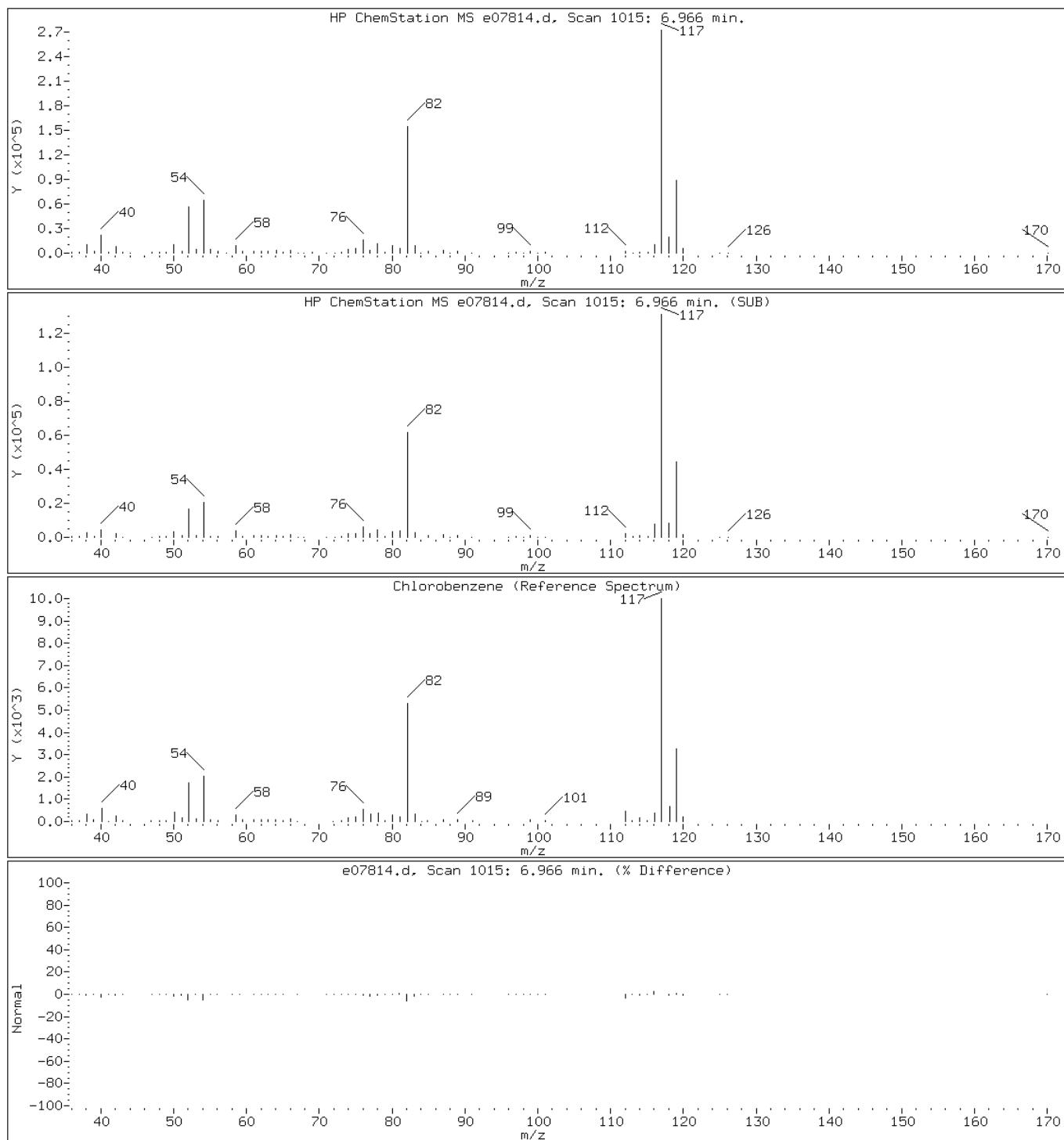
Client ID: 201209105B-365VO-2N

Instrument: VOAMS5.i

Sample Info: 460-44405-B-1-A;100;;3.47;10

Operator: GC/MS VOAMS5

79 Chlorobenzene



Data File: e07814.d

Date: 15-SEP-2012 17:18

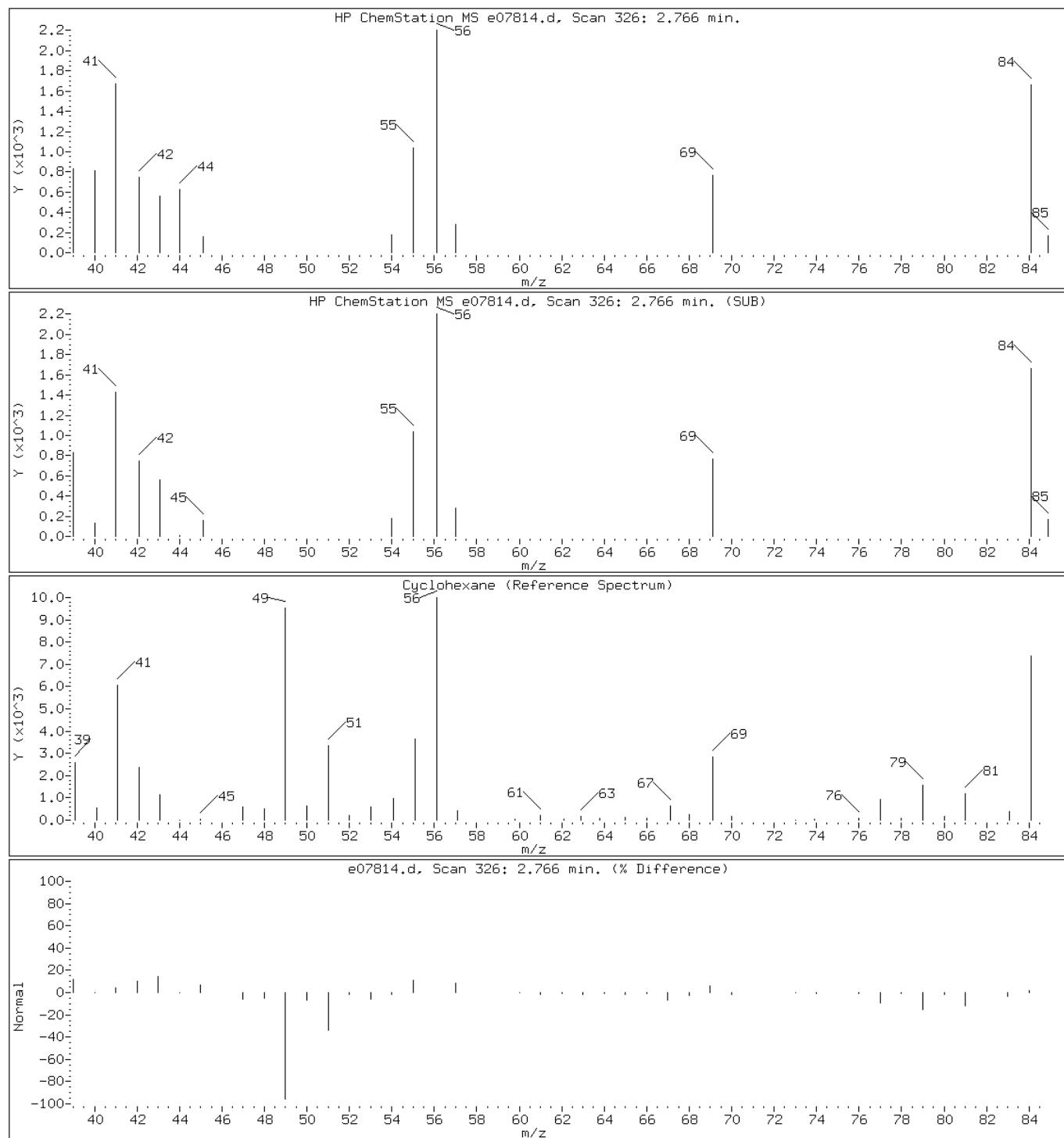
Client ID: 201209105B-365VO-2N

Instrument: VOAMS5.i

Sample Info: 460-44405-B-1-A;100;;3.47;10

Operator: GC/MS VOAMS5

44 Cyclohexane



Data File: e07814.d

Date: 15-SEP-2012 17:18

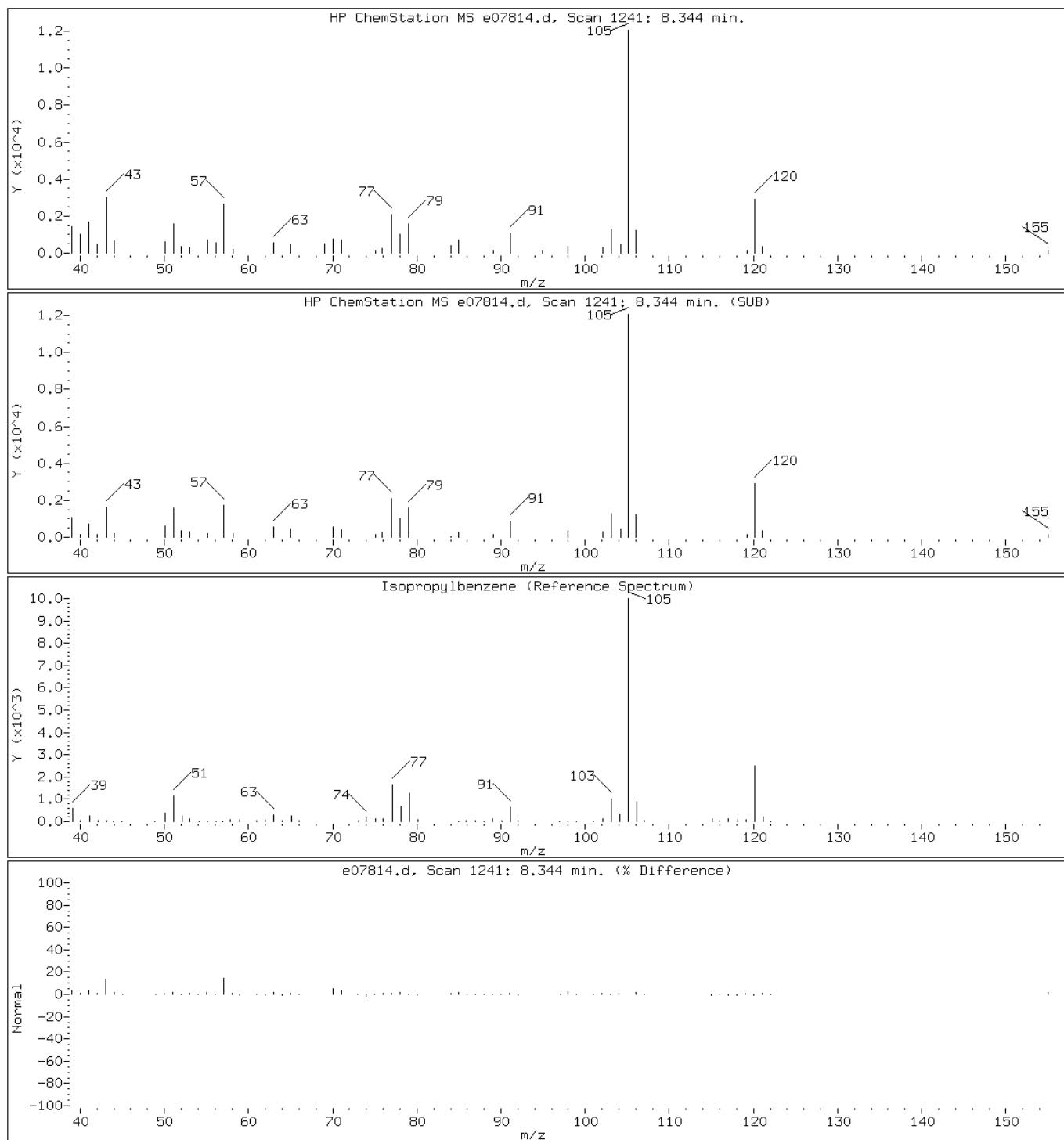
Client ID: 201209105B-365VO-2N

Instrument: VOAMS5.i

Sample Info: 460-44405-B-1-A;100;;3.47;10

Operator: GC/MS VOAMS5

88 Isopropylbenzene



Data File: e07814.d

Date: 15-SEP-2012 17:18

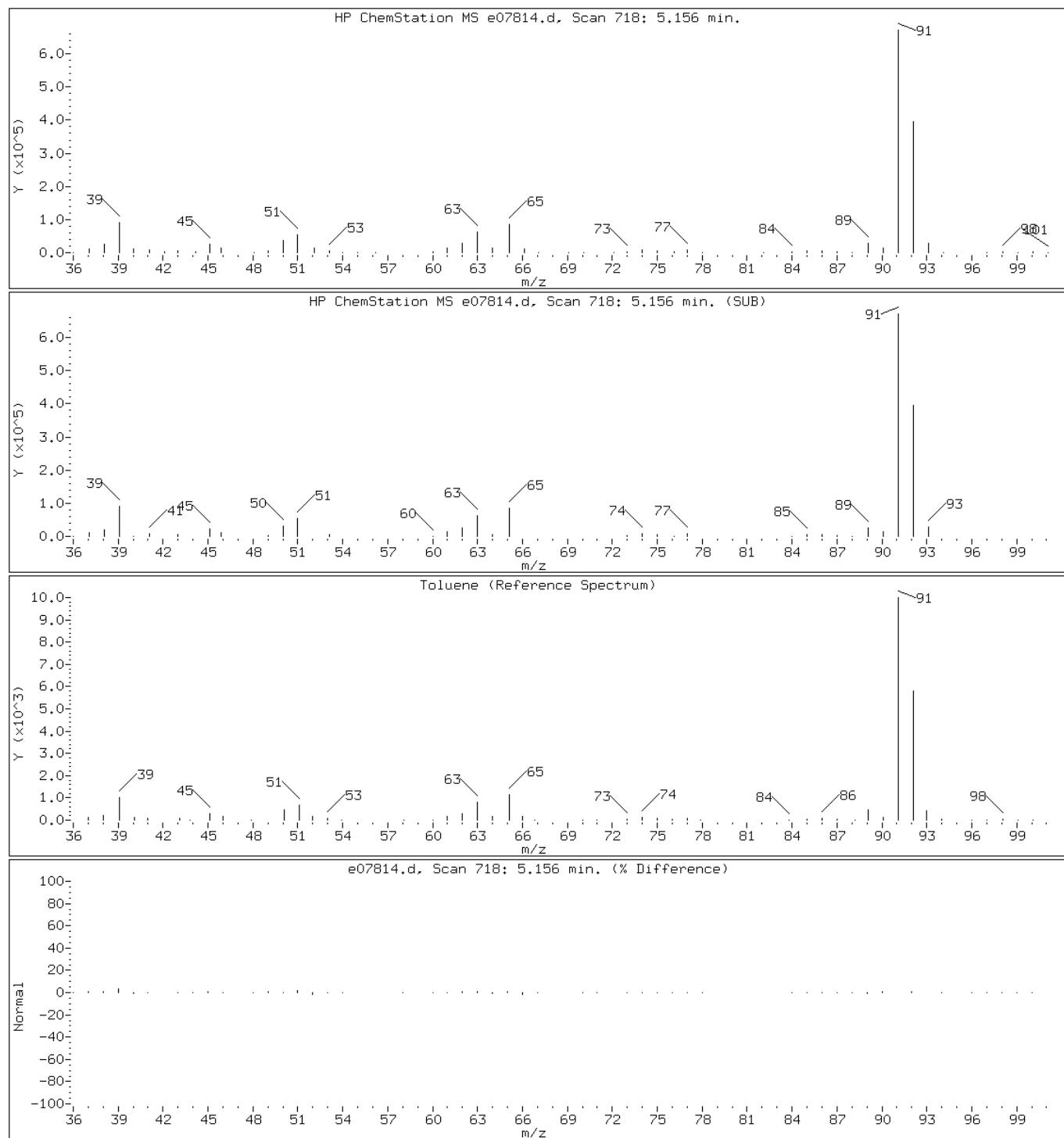
Client ID: 201209105B-365VO-2N

Instrument: VOAMS5.i

Sample Info: 460-44405-B-1-A;100;;3.47;10

Operator: GC/MS VOAMS5

66 Toluene



Data File: e07814.d

Date: 15-SEP-2012 17:18

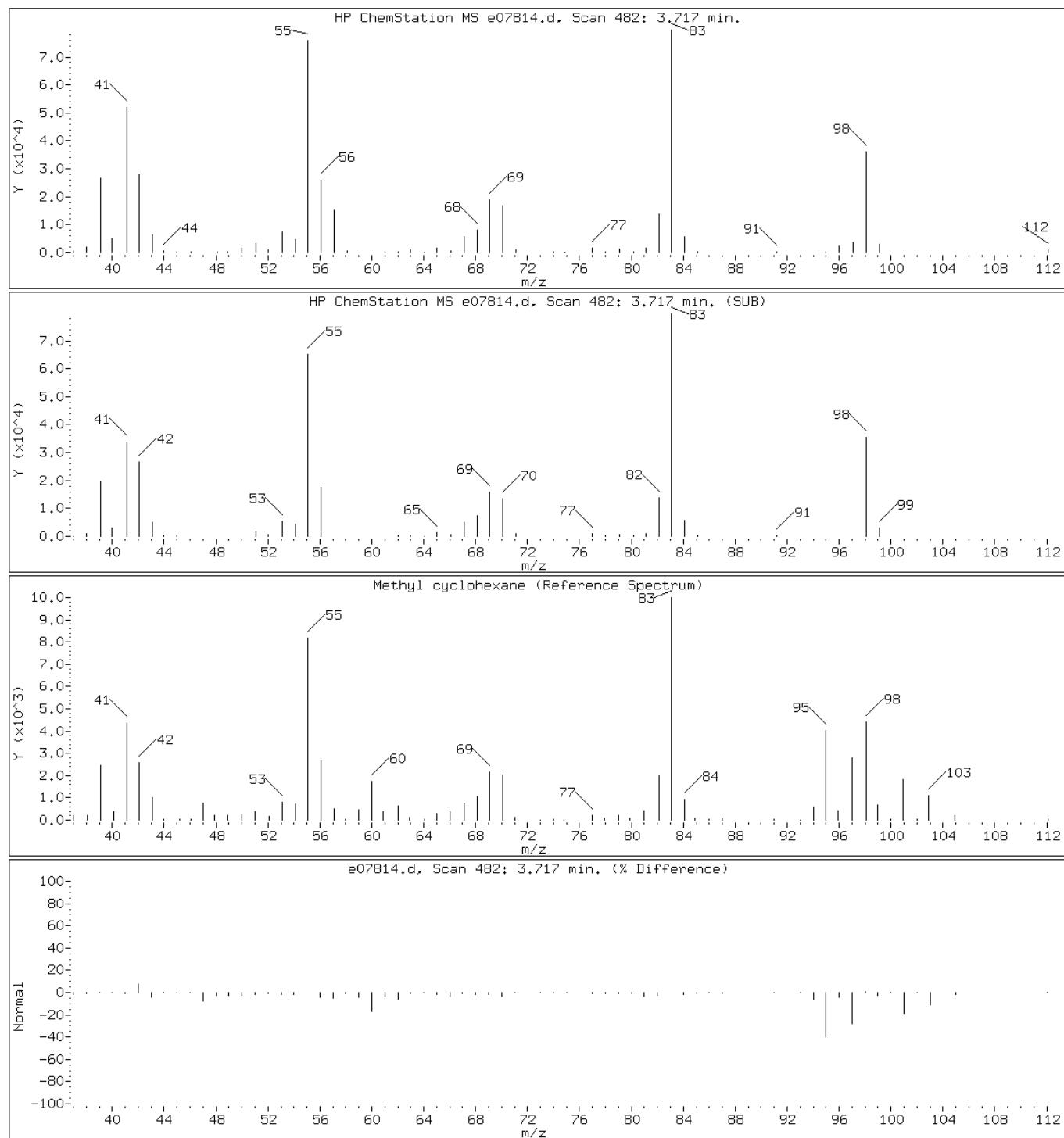
Client ID: 201209105B-365VO-2N

Instrument: VOAMS5.i

Sample Info: 460-44405-B-1-A;100;;3.47;10

Operator: GC/MS VOAMS5

56 Methyl cyclohexane



Data File: e07814.d

Date: 15-SEP-2012 17:18

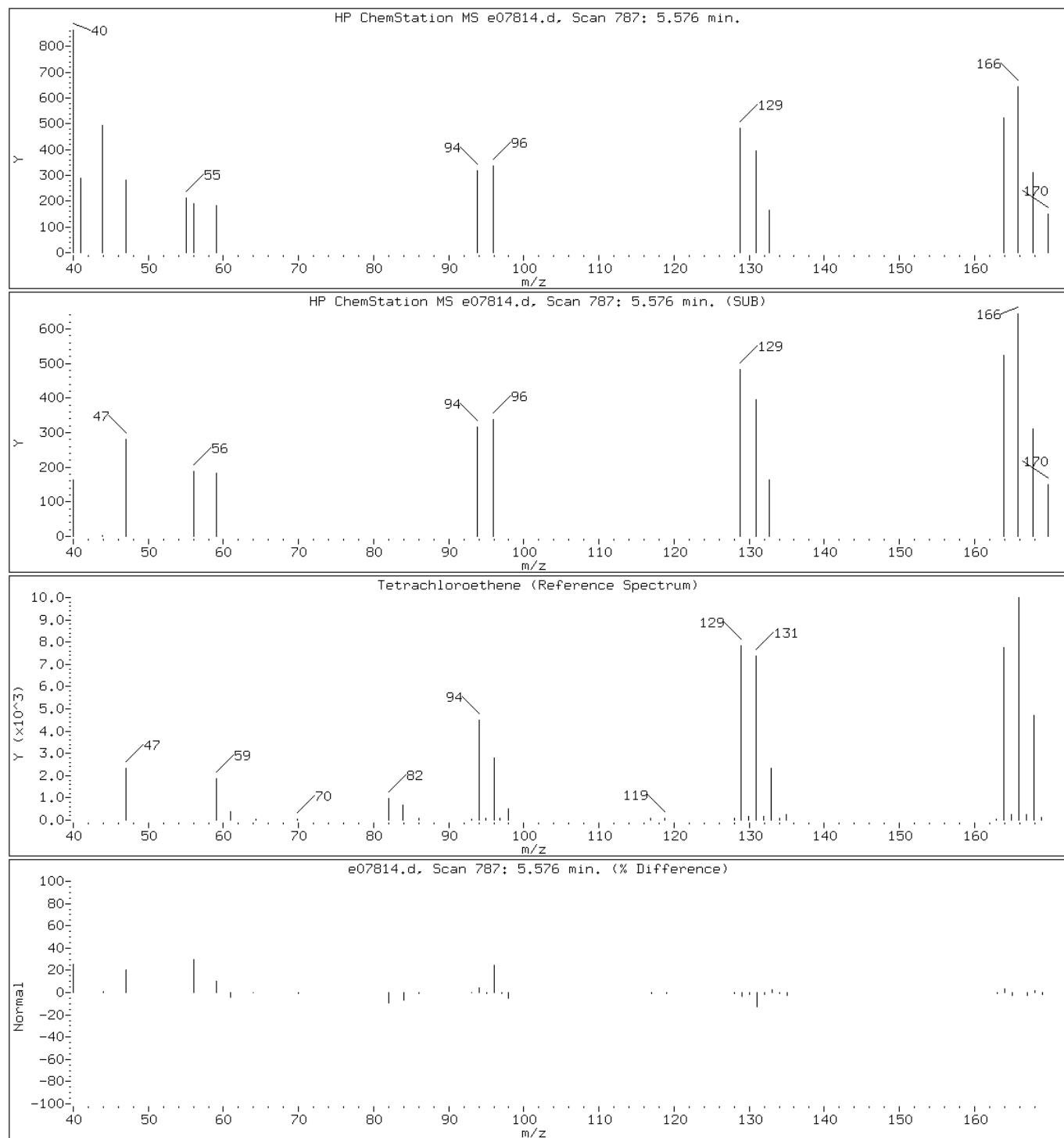
Client ID: 201209105B-365VO-2N

Instrument: VOAMS5.i

Sample Info: 460-44405-B-1-A;100;;3.47;10

Operator: GC/MS VOAMS5

71 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Client Sample ID: 20120910EB Lab Sample ID: 460-44405-2
Matrix: Water Lab File ID: p61664.d
Analysis Method: 8260B Date Collected: 09/10/2012 15:45
Sample wt/vol: 5 (mL) Date Analyzed: 09/18/2012 23:11
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 128358 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.10	U	1.0	0.10
74-83-9	Bromomethane	0.18	U	1.0	0.18
75-01-4	Vinyl chloride	0.14	U	1.0	0.14
75-00-3	Chloroethane	0.17	U	1.0	0.17
75-09-2	Methylene Chloride	0.18	U	1.0	0.18
67-64-1	Acetone	2.7	U	5.0	2.7
75-15-0	Carbon disulfide	0.13	U	1.0	0.13
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.090	U	1.0	0.090
75-34-3	1,1-Dichloroethane	0.13	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.18	U	1.0	0.18
67-66-3	Chloroform	0.080	U	1.0	0.080
78-93-3	2-Butanone	2.3	U	5.0	2.3
107-06-2	1,2-Dichloroethane	0.19	U	1.0	0.19
71-55-6	1,1,1-Trichloroethane	0.060	U	1.0	0.060
56-23-5	Carbon tetrachloride	0.060	U	1.0	0.060
71-43-2	Benzene	0.080	U	1.0	0.080
75-25-2	Bromoform	0.19	U	1.0	0.19
100-42-5	Styrene	0.12	U	1.0	0.12
179601-23-1	m&p-Xylene	0.25	U	2.0	0.25
95-47-6	o-Xylene	0.13	U	1.0	0.13
100-41-4	Ethylbenzene	0.10	U	1.0	0.10
108-90-7	Chlorobenzene	0.11	U	1.0	0.11
110-82-7	Cyclohexane	0.16	U	1.0	0.16
98-82-8	Isopropylbenzene	0.080	U	1.0	0.080
591-78-6	2-Hexanone	0.50	U	5.0	0.50
1634-04-4	MTBE	0.14	U	1.0	0.14
76-13-1	Freon TF	0.080	U	1.0	0.080
79-20-9	Methyl acetate	0.34	U	2.0	0.34
123-91-1	1,4-Dioxane	36	U	50	36
79-01-6	Trichloroethene	0.090	U	1.0	0.090
108-88-3	Toluene	0.15	U	1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	0.24	U	1.0	0.24
108-10-1	4-Methyl-2-pentanone	0.99	U	5.0	0.99
10061-01-5	cis-1,3-Dichloropropene	0.18	U	1.0	0.18

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Client Sample ID: 20120910EB Lab Sample ID: 460-44405-2
Matrix: Water Lab File ID: p61664.d
Analysis Method: 8260B Date Collected: 09/10/2012 15:45
Sample wt/vol: 5 (mL) Date Analyzed: 09/18/2012 23:11
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 128358 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
541-73-1	1,3-Dichlorobenzene	0.14	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	0.23	U	1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	0.34	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	0.51	U	1.0	0.51
78-87-5	1,2-Dichloropropane	0.090	U	1.0	0.090
108-87-2	Methylcyclohexane	0.14	U	1.0	0.14
127-18-4	Tetrachloroethene	0.10	U	1.0	0.10
96-12-8	1,2-Dibromo-3-Chloropropane	0.40	U	1.0	0.40
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U	1.0	0.16
79-00-5	1,1,2-Trichloroethane	0.19	U	1.0	0.19
124-48-1	Dibromochloromethane	0.20	U	1.0	0.20
106-93-4	1,2-Dibromoethane	0.28	U	1.0	0.28
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-97-5	Bromochloromethane	0.27	U	1.0	0.27
75-27-4	Bromodichloromethane	0.12	U	1.0	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		70-130
2037-26-5	Toluene-d8 (Surr)	88		70-130
460-00-4	Bromofluorobenzene	101		70-130

Data File: /chem/VOAMS13.i/8260_09/09-11-12/18sep12a.b/p61664.d
Report Date: 19-Sep-2012 03:09

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/09-11-12/18sep12a.b/p61664.d
Lab Smp Id: 460-44405-A-2 Client Smp ID: 20120910EB
Inj Date : 18-SEP-2012 23:11
Operator : Inst ID: VOAMS13.i
Smp Info : 460-44405-A-2
Misc Info : 460-44405-A-2
Comment :
Method : /chem/VOAMS13.i/8260_09/09-11-12/18sep12a.b/8260_09.m
Meth Date : 18-Sep-2012 21:45 ken Quant Type: ISTD
Cal Date : 11-SEP-2012 23:09 Cal File: p61361.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume
Cpnd Variable	Local Compound Variable	

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.829	3.829 (0.939)		82165	44.6910	45
* 52 Fluorobenzene	96	4.079	4.079 (1.000)		562271	50.0000	
\$ 65 Toluene-d8 (SUR)	98	5.689	5.689 (0.746)		306387	44.1433	44
* 78 Chlorobenzene-d5	117	7.621	7.621 (1.000)		433650	50.0000	
\$ 89 Bromofluorobenzene (SUR)	174	9.426	9.426 (0.841)		188454	50.4715	50
* 108 1,4-Dichlorobenzene-d4	152	11.206	11.206 (1.000)		244917	50.0000	

Data File: p61664.d

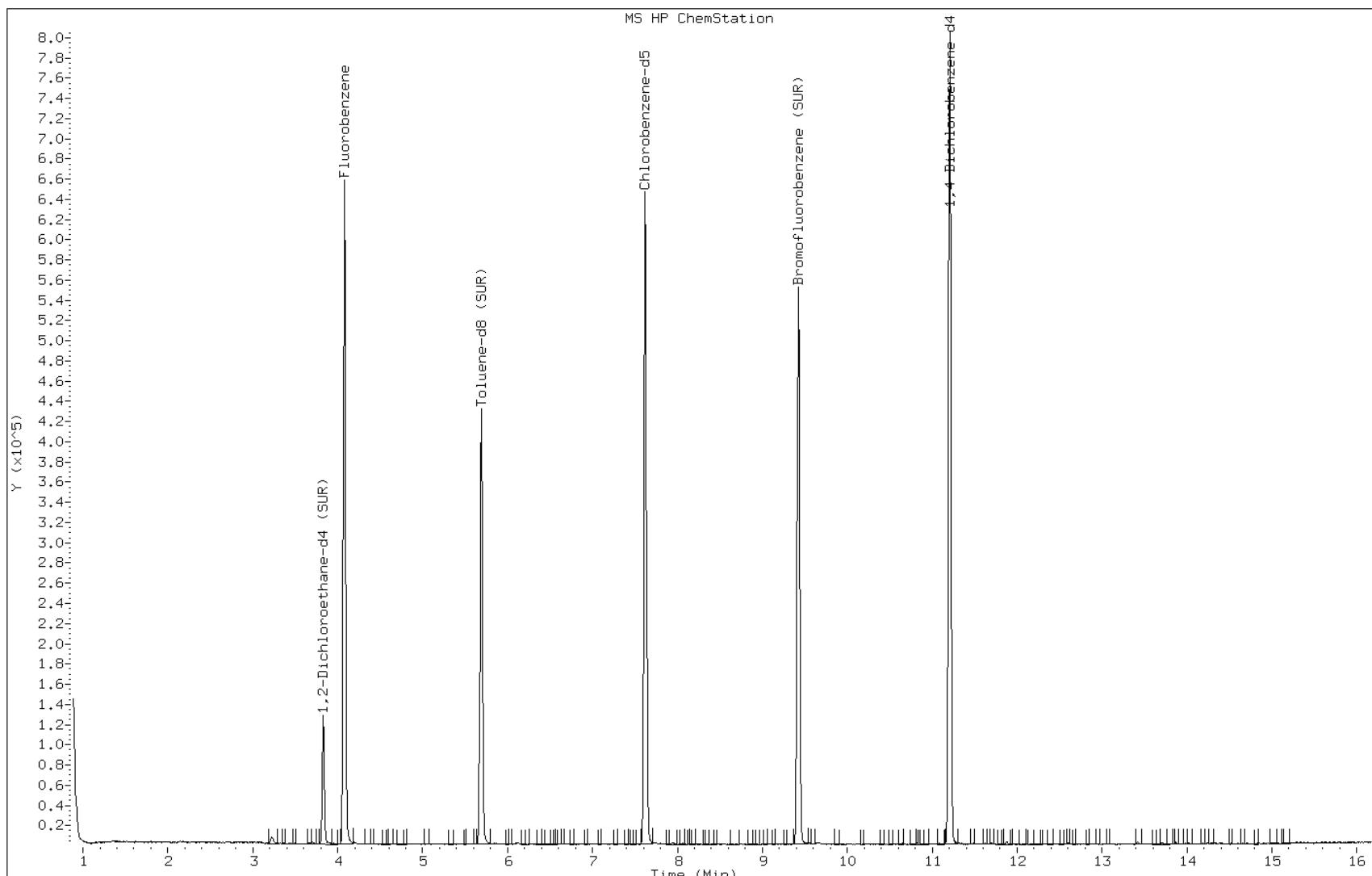
Date: 18-SEP-2012 23:11

Client ID: 20120910EB

Instrument: VOAMS13.i

Sample Info: 460-44405-A-2

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44405-1
 SDG No.: _____
 Client Sample ID: 20120910TB Lab Sample ID: 460-44405-3
 Matrix: Water Lab File ID: p61665.d
 Analysis Method: 8260B Date Collected: 09/10/2012 00:00
 Sample wt/vol: 5 (mL) Date Analyzed: 09/18/2012 23:36
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 128358 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.10	U	1.0	0.10
74-83-9	Bromomethane	0.18	U	1.0	0.18
75-01-4	Vinyl chloride	0.14	U	1.0	0.14
75-00-3	Chloroethane	0.17	U	1.0	0.17
75-09-2	Methylene Chloride	0.18	U	1.0	0.18
67-64-1	Acetone	2.7	U	5.0	2.7
75-15-0	Carbon disulfide	0.13	U	1.0	0.13
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.090	U	1.0	0.090
75-34-3	1,1-Dichloroethane	0.13	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.18	U	1.0	0.18
67-66-3	Chloroform	0.080	U	1.0	0.080
78-93-3	2-Butanone	2.3	U	5.0	2.3
107-06-2	1,2-Dichloroethane	0.19	U	1.0	0.19
71-55-6	1,1,1-Trichloroethane	0.060	U	1.0	0.060
56-23-5	Carbon tetrachloride	0.060	U	1.0	0.060
71-43-2	Benzene	0.080	U	1.0	0.080
75-25-2	Bromoform	0.19	U	1.0	0.19
100-42-5	Styrene	0.12	U	1.0	0.12
179601-23-1	m&p-Xylene	0.25	U	2.0	0.25
95-47-6	o-Xylene	0.13	U	1.0	0.13
100-41-4	Ethylbenzene	0.10	U	1.0	0.10
108-90-7	Chlorobenzene	0.11	U	1.0	0.11
110-82-7	Cyclohexane	0.16	U	1.0	0.16
98-82-8	Isopropylbenzene	0.080	U	1.0	0.080
591-78-6	2-Hexanone	0.50	U	5.0	0.50
1634-04-4	MTBE	0.14	U	1.0	0.14
76-13-1	Freon TF	0.080	U	1.0	0.080
79-20-9	Methyl acetate	0.34	U	2.0	0.34
123-91-1	1,4-Dioxane	36	U	50	36
79-01-6	Trichloroethene	0.090	U	1.0	0.090
108-88-3	Toluene	0.15	U	1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	0.24	U	1.0	0.24
108-10-1	4-Methyl-2-pentanone	0.99	U	5.0	0.99
10061-01-5	cis-1,3-Dichloropropene	0.18	U	1.0	0.18

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Client Sample ID: 20120910TB Lab Sample ID: 460-44405-3
Matrix: Water Lab File ID: p61665.d
Analysis Method: 8260B Date Collected: 09/10/2012 00:00
Sample wt/vol: 5 (mL) Date Analyzed: 09/18/2012 23:36
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 128358 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
541-73-1	1,3-Dichlorobenzene	0.14	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	0.23	U	1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	0.34	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	0.51	U	1.0	0.51
78-87-5	1,2-Dichloropropane	0.090	U	1.0	0.090
108-87-2	Methylcyclohexane	0.14	U	1.0	0.14
127-18-4	Tetrachloroethene	0.10	U	1.0	0.10
96-12-8	1,2-Dibromo-3-Chloropropane	0.40	U	1.0	0.40
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U	1.0	0.16
79-00-5	1,1,2-Trichloroethane	0.19	U	1.0	0.19
124-48-1	Dibromochloromethane	0.20	U	1.0	0.20
106-93-4	1,2-Dibromoethane	0.28	U	1.0	0.28
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-97-5	Bromochloromethane	0.27	U	1.0	0.27
75-27-4	Bromodichloromethane	0.12	U	1.0	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		70-130
2037-26-5	Toluene-d8 (Surr)	95		70-130
460-00-4	Bromofluorobenzene	110		70-130

Data File: /chem/VOAMS13.i/8260_09/09-11-12/18sep12a.b/p61665.d
Report Date: 19-Sep-2012 08:18

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/09-11-12/18sep12a.b/p61665.d
Lab Smp Id: 460-44405-A-3 Client Smp ID: 20120910TB
Inj Date : 18-SEP-2012 23:36
Operator : Inst ID: VOAMS13.i
Smp Info : 460-44405-A-3
Misc Info : 460-44405-A-3
Comment :
Method : /chem/VOAMS13.i/8260_09/09-11-12/18sep12a.b/8260_09.m
Meth Date : 18-Sep-2012 21:45 ken Quant Type: ISTD
Cal Date : 11-SEP-2012 23:09 Cal File: p61361.d
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.829	3.829 (0.939)		82671	47.2251	47
* 52 Fluorobenzene	96	4.079	4.079 (1.000)		535377	50.0000	
\$ 65 Toluene-d8 (SUR)	98	5.688	5.689 (0.746)		313151	47.2925	47
* 78 Chlorobenzene-d5	117	7.621	7.621 (1.000)		413709	50.0000	
\$ 89 Bromofluorobenzene (SUR)	174	9.426	9.426 (0.841)		190851	55.2089	55
* 108 1,4-Dichlorobenzene-d4	152	11.206	11.206 (1.000)		226749	50.0000	

Data File: p61665.d

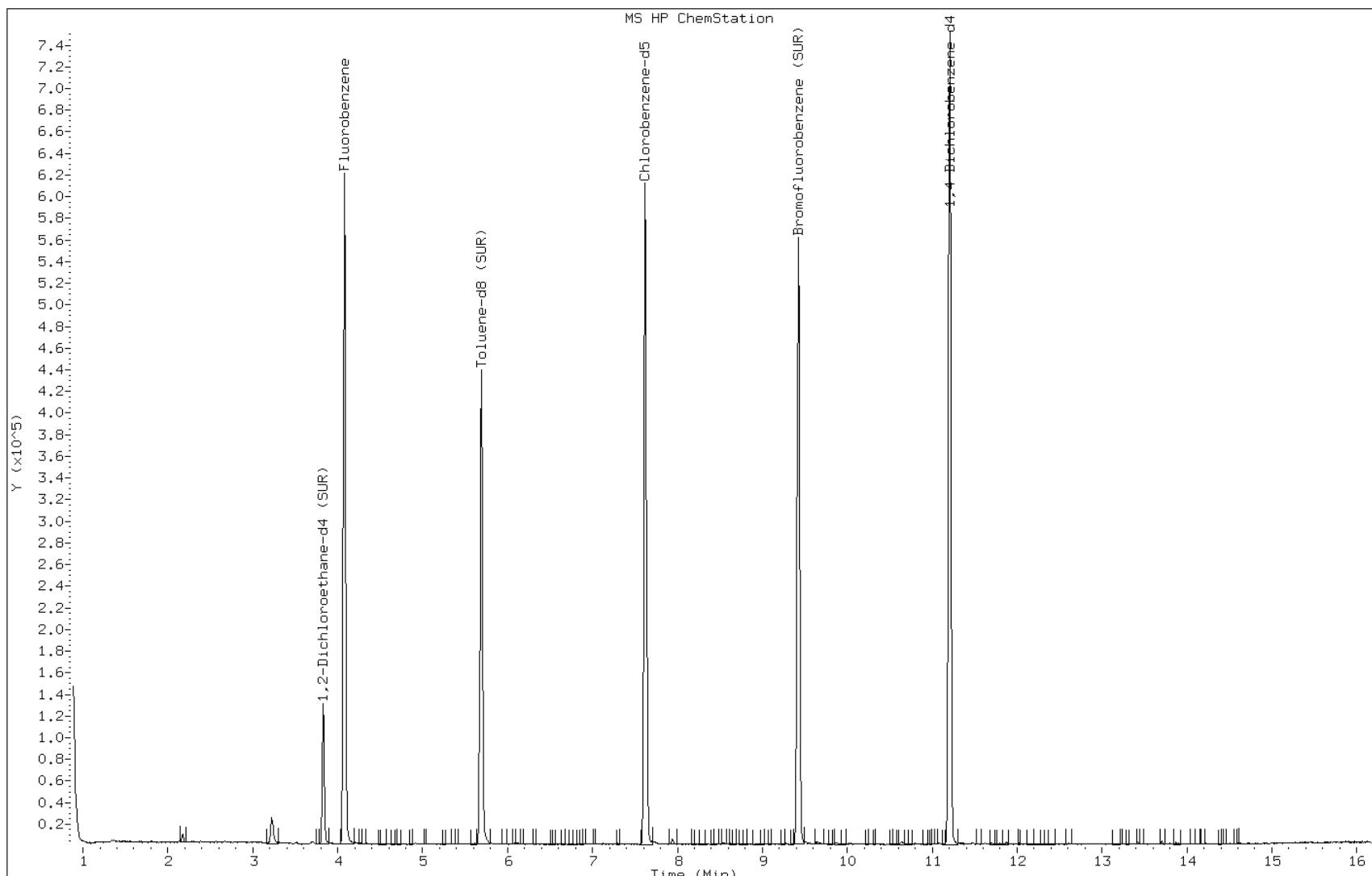
Date: 18-SEP-2012 23:36

Client ID: 20120910TB

Instrument: VOAMS13.i

Sample Info: 460-44405-A-3

Operator:



FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

Analy Batch No.: 127499

SDG No.: _____

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/11/2012 21:33 Calibration End Date: 09/11/2012 23:34 Calibration ID: 17430

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-127499/2	p61357.d
Level 2	IC 460-127499/3	p61358.d
Level 3	ICIS 460-127499/4	p61359.d
Level 4	IC 460-127499/5	p61360.d
Level 5	IC 460-127499/6	p61361.d
Level 6	IC 460-127499/7	p61362.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.3300 0.2704	0.3060	0.2381	0.2364	0.2400	Ave		0.2701				14.8		15.0			
Chloromethane	0.4257 0.3754	0.3622	0.3119	0.3144	0.3206	Ave		0.3517			0.1000	12.8		15.0			
Vinyl chloride	0.4126 0.3601	0.3739	0.3172	0.3169	0.3228	Ave		0.3506				11.0		30.0			
Bromomethane	0.1575 0.1757	0.1126	0.1058	0.1098	0.1381	QuaF		8.0642	-1.351						0.9998		0.9900
Chloroethane	0.1389 0.1650	0.1665	0.1400	0.1426	0.1417	Ave		0.1491				8.7		15.0			
n-Pentane	0.0732 0.0559	0.0634	0.0541	0.0565	0.0564	Ave		0.0599				12.1		15.0			
Trichlorofluoromethane	0.4317 0.4223	0.4281	0.3912	0.3931	0.3965	Ave		0.4105				4.6		15.0			
Dichlorofluoromethane	0.5839 0.5416	0.5239	0.5090	0.4960	0.5058	Ave		0.5267				6.1		15.0			
Isopropene	0.4967 0.4273	0.4502	0.4023	0.4060	0.3978	Ave		0.4300				8.9		15.0			
Ethyl ether	0.3157 0.2698	0.2719	0.2476	0.2453	0.2447	Ave		0.2658				10.3		15.0			
Ethanol	0.0016 ++++	0.0016	0.0016	0.0017	0.0018	Ave		0.0017				6.9		15.0			
1,1-Dichloroethene	0.1927 0.2441	0.2301	0.2022	0.2091	0.2190	Ave		0.2162				8.7		30.0			
Carbon disulfide	1.0016 0.9795	0.9162	0.8985	0.8942	0.9069	Ave		0.9328				4.9		15.0			
Freon TF	0.3124 0.2770	0.2758	0.2509	0.2577	0.2619	Ave		0.2726				8.1		15.0			
Cyclopentene	0.9344 0.8371	0.8576	0.7693	0.7768	0.7741	Ave		0.8249				7.9		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 127499

SDG No.: _____

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/11/2012 21:33 Calibration End Date: 09/11/2012 23:34 Calibration ID: 17430

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acrolein	0.0659 0.0654	0.0596	0.0577	0.0549	0.0580	Ave		0.0602				7.4		15.0			
Methylene Chloride	0.4146 0.3161	0.2962	0.2736	0.2734	0.2763	LinF		0.3109							0.9968		0.9900
Acetone	0.0388 0.0316	0.0318	0.0295	0.0273	0.0271	Ave		0.0310				13.9		15.0			
trans-1,2-Dichloroethene	0.3035 0.3164	0.2810	0.2643	0.2720	0.2754	Ave		0.2854				7.1		15.0			
Methyl acetate	0.1208 0.0787	0.0782	0.0712	0.0667	0.0695	LinF		0.0775							0.9972		0.9900
Hexane	0.0797 0.0728	0.0717	0.0622	0.0674	0.0694	Ave		0.0705				8.3		15.0			
MTBE	1.0085 1.0286	0.9452	0.9074	0.9027	0.9186	Ave		0.9518				5.7		15.0			
TBA	0.0331 0.0417	0.0338	0.0368	0.0347	0.0360	Ave		0.0360				8.6		15.0			
Acetonitrile	0.0120 0.0083	0.0083	0.0071	0.0075	0.0072	LinF		0.0082							0.9967		0.9900
DIPE	1.2165 1.0918	1.0409	1.0057	0.9803	0.9892	Ave		1.0541				8.5		15.0			
1,1-Dichloroethane	0.5438 0.5835	0.5114	0.4922	0.4956	0.5088	Ave		0.5226				0.1000	6.7	15.0			
Acrylonitrile	0.1388 0.1433	0.1252	0.1181	0.1147	0.1227	Ave		0.1271				9.0		15.0			
Tert-butyl ethyl ether	1.0414 1.0268	0.9516	0.9303	0.9084	0.9273	Ave		0.9643				5.8		15.0			
Vinyl acetate	0.7280 0.6645	0.5750	0.6460	0.6711	0.6590	Ave		0.6572				7.5		15.0			
cis-1,2-Dichloroethene	0.3321 0.3383	0.2898	0.2838	0.2850	0.2936	Ave		0.3038				8.1		15.0			
2,2-Dichloropropane	0.4432 0.4524	0.4248	0.4012	0.4007	0.4048	Ave		0.4212				5.4		15.0			
Cyclohexane	0.5599 0.5147	0.5226	0.4565	0.4764	0.4842	Ave		0.5024				7.4		15.0			
Bromochloromethane	0.1598 0.1580	0.1503	0.1383	0.1379	0.1405	Ave		0.1475				6.7		15.0			
Chloroform	0.4714 0.5325	0.4688	0.4479	0.4479	0.4623	Ave		0.4718				6.7		30.0			
Carbon tetrachloride	0.3739 0.3904	0.3380	0.3239	0.3367	0.3466	Ave		0.3516				7.2		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 127499

SDG No.: _____

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/11/2012 21:33 Calibration End Date: 09/11/2012 23:34 Calibration ID: 17430

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethyl acetate	0.0318 0.0434	0.0402	0.0350	0.0363	0.0377	Ave		0.0374				10.9		15.0			
Tetrahydrofuran	0.1724 0.1812	0.1628	0.1597	0.1555	0.1607	Ave		0.1654				5.8		15.0			
1,1,1-Trichloroethane	0.4356 0.4561	0.4151	0.3883	0.3934	0.4039	Ave		0.4154				6.3		15.0			
1,1-Dichloropropene	0.4214 0.4553	0.4006	0.3823	0.3924	0.4065	Ave		0.4098				6.3		15.0			
2-Butanone	0.0480 0.0588	0.0412	0.0504	0.0483	0.0518	Ave		0.0498				11.5		15.0			
n-Heptane	0.2144 0.1819	0.1963	0.1614	0.1737	0.1767	Ave		0.1841				10.2		15.0			
Benzene	1.4986 1.6841	1.4699	1.4568	1.4427	1.4987	Ave		1.5085				5.9		15.0			
Tert-amyl methyl ether	0.9374 0.9920	0.8991	0.8756	0.8515	0.8760	Ave		0.9053				5.7		15.0			
1,2-Dichloroethane	0.3763 0.4094	0.3627	0.3517	0.3555	0.3574	Ave		0.3688				5.9		15.0			
Isobutyl alcohol	0.0150 0.0190	0.0158	0.0158	0.0158	0.0161	Ave		0.0163				8.6		15.0			
2,4,4-Trimethyl-1-pentene	0.1120 0.0959	0.0965	0.0807	0.0870	0.0908	Ave		0.0938				11.4		15.0			
Isopropyl acetate	0.6258 0.6990	0.5718	0.5993	0.5953	0.6230	Ave		0.6190				7.1		15.0			
Methylcyclohexane	0.5523 0.5010	0.5109	0.4233	0.4566	0.4708	Ave		0.4858				9.3		15.0			
Trichloroethene	0.3106 0.3301	0.2856	0.2692	0.2721	0.2848	Ave		0.2921				8.1		15.0			
n-Butanol	0.0100 0.0125	0.0103	0.0102	0.0104	0.0105	Ave		0.0107				8.7		15.0			
Dibromomethane	0.1931 0.1965	0.1768	0.1645	0.1700	0.1741	Ave		0.1792				7.2		15.0			
1,2-Dichloropropane	0.3055 0.3407	0.2836	0.2847	0.2844	0.2954	Ave		0.2990				7.4		30.0			
Ethyl acrylate	0.4667 0.4876	0.4376	0.4184	0.4120	0.4246	Ave		0.4412				6.8		15.0			
Bromodichloromethane	0.3883 0.4319	0.3672	0.3525	0.3580	0.3733	Ave		0.3785				7.7		15.0			
Methyl methacrylate	0.1072 0.1052	0.0955	0.0928	0.0900	0.0909	Ave		0.0969				7.7		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 127499

SDG No.: _____

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/11/2012 21:33 Calibration End Date: 09/11/2012 23:34 Calibration ID: 17430

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,4-Dioxane	0.0048 0.0057	0.0041	0.0043	0.0046	0.0044	Ave		0.0046				12.7		15.0			
Propyl acetate	0.5392 0.5523	0.4691	0.4729	0.4666	0.4799	Ave		0.4967				7.7		15.0			
2-Chloroethyl vinyl ether	0.1910 0.2256	0.1788	0.1856	0.1837	0.1900	Ave		0.1924				8.7		15.0			
cis-1,3-Dichloropropene	0.6241 0.7470	0.6146	0.6290	0.6202	0.6487	Ave		0.6472				7.8		15.0			
Toluene	1.7014 1.8694	1.6304	1.6047	1.5953	1.6498	Ave		1.6752				6.1		30.0			
Epichlorohydrin	0.0418 0.0508	0.0436	0.0455	0.0430	0.0445	Ave		0.0449				7.1		15.0			
Tetrachloroethene	0.4120 0.4366	0.3867	0.3664	0.3698	0.3855	Ave		0.3928				6.8		15.0			
4-Methyl-2-pentanone	0.4701 0.5065	0.4111	0.4410	0.4213	0.4441	Ave		0.4490				7.7		15.0			
trans-1,3-Dichloropropene	0.5633 0.7055	0.5855	0.5873	0.5803	0.6094	Ave		0.6052				8.5		15.0			
1,1,2-Trichloroethane	0.3149 0.3400	0.2793	0.2775	0.2773	0.2950	Ave		0.2973				8.6		15.0			
Ethyl methacrylate	0.5011 0.5195	0.4594	0.4464	0.4303	0.4464	Ave		0.4672				7.5		15.0			
Dibromochloromethane	0.3725 0.4639	0.3600	0.3696	0.3690	0.3971	Ave		0.3887				10.0		15.0			
1,3-Dichloropropane	0.6414 0.7078	0.5890	0.5881	0.5849	0.6126	Ave		0.6206				7.7		15.0			
1,2-Dibromoethane	0.3703 0.4213	0.3543	0.3427	0.3525	0.3670	Ave		0.3680				7.6		15.0			
Butyl acetate	0.1418 0.1492	0.1209	0.1251	0.1211	0.1289	Ave		0.1312				8.9		15.0			
2-Hexanone	0.3193 0.3691	0.2975	0.3341	0.3022	0.3205	Ave		0.3238				8.0		15.0			
Chlorobenzene	1.1165 1.2509	1.0669	1.0481	1.0406	1.0876	Ave		1.1018				0.3000	7.1	15.0			
Ethylbenzene	0.6351 0.6825	0.5736	0.5548	0.5585	0.5917	Ave		0.5994				8.4		30.0			
1,1,1,2-Tetrachloroethane	0.3725 0.4552	0.3690	0.3628	0.3645	0.3916	Ave		0.3859				9.2		15.0			
m&p-Xylene	0.7395 0.8485	0.7101	0.6872	0.6875	0.7321	Ave		0.7341				8.2		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 127499

SDG No.: _____

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/11/2012 21:33 Calibration End Date: 09/11/2012 23:34 Calibration ID: 17430

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
o-Xylene	0.7218 0.8266	0.6924	0.6728	0.6722	0.7132	Ave		0.7165				8.0		15.0			
Bromoform	0.2472 0.3402	0.2575	0.2586	0.2622	0.2885	Ave		0.2757			0.1000	12.5		15.0			
Styrene	1.2573 1.4615	1.1790	1.2004	1.1825	1.2602	Ave		1.2568				8.5		15.0			
Butyl acrylate	0.3327 0.4134	0.3285	0.3462	0.3341	0.3586	Ave		0.3522				9.1		15.0			
Isopropylbenzene	1.8146 2.1578	1.8067	1.7725	1.7744	1.8884	Ave		1.8691				7.9		15.0			
Monobromobenzene	0.8468 1.0460	0.8607	0.8629	0.8549	0.9070	Ave		0.8964				8.5		15.0			
N-Propylbenzene	4.1595 4.8674	4.0510	3.9500	3.9854	4.2532	Ave		4.2111				8.1		15.0			
1,1,2,2-Tetrachloroethane	0.9207 1.0652	0.8415	0.8864	0.8663	0.9255	Ave		0.9176			0.3000	8.6		15.0			
2-Chlorotoluene	2.9828 3.3655	2.8452	2.7547	2.7383	2.9290	Ave		2.9359				7.9		15.0			
1,2,3-Trichloropropane	0.3323 0.3178	0.2742	0.2613	0.2540	0.2740	Ave		0.2856				11.1		15.0			
1,3,5-Trimethylbenzene	3.0044 3.5014	2.9200	2.8547	2.8629	3.0497	Ave		3.0322				8.0		15.0			
trans-1,4-Dichloro-2-butene	0.3231 0.3263	0.2943	0.2865	0.2745	0.2861	Ave		0.2985				7.1		15.0			
4-Chlorotoluene	2.6297 3.1670	2.6096	2.5959	2.5801	2.7358	Ave		2.7197				8.3		15.0			
tert-Butylbenzene	2.5466 2.9250	2.4787	2.3971	2.4249	2.5699	Ave		2.5570				7.5		15.0			
Butyl Methacrylate	1.2296 1.3759	1.1569	1.1721	1.1333	1.2016	Ave		1.2116				7.2		15.0			
1,2,4-Trimethylbenzene	3.0580 3.6128	3.0419	2.9871	2.9744	3.1453	Ave		3.1366				7.7		15.0			
sec-Butylbenzene	3.6936 4.2403	3.6158	3.5171	3.5576	3.7550	Ave		3.7299				7.1		15.0			
1,3-Dichlorobenzene	1.7239 1.9826	1.6919	1.6425	1.6571	1.7317	Ave		1.7383				7.2		15.0			
p-Isopropyltoluene	3.1917 3.7254	3.1463	3.0471	3.0837	3.2954	Ave		3.2483				7.7		15.0			
1,4-Dichlorobenzene	1.7827 2.0146	1.7292	1.7106	1.6955	1.7622	Ave		1.7825				6.6		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 127499

SDG No.: _____

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/11/2012 21:33 Calibration End Date: 09/11/2012 23:34 Calibration ID: 17430

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Indan	1.4470 1.4009	1.3353	1.2741	1.2345	1.2629	Ave		1.3258				6.3		15.0			
Benzyl chloride	2.8829 3.0519	2.7555	2.8143	2.6581	2.7634	Ave		2.8210				4.8		15.0			
n-Butylbenzene	2.9266 3.2501	2.9350	2.8520	2.8747	2.9954	Ave		2.9723				4.9		15.0			
1,2-Dichlorobenzene	1.6530 1.9175	1.6640	1.6388	1.6210	1.6901	Ave		1.6974				6.5		15.0			
1,2-Dibromo-3-Chloropropane	0.2128 0.2173	0.1749	0.1821	0.1759	0.1919	Ave		0.1925				9.6		15.0			
1,2,4-Trichlorobenzene	1.1944 1.3890	1.1806	1.1897	1.2002	1.2287	Ave		1.2304				6.4		15.0			
Hexachlorobutadiene	0.4662 0.4805	0.4376	0.4153	0.4230	0.4338	Ave		0.4427				5.7		15.0			
Naphthalene	3.3334 3.7023	3.1595	3.2324	3.1882	3.2535	Ave		3.3115				6.1		15.0			
1,2,3-Trichlorobenzene	1.1234 1.2449	1.0758	1.1012	1.0871	1.1024	Ave		1.1225				5.5		15.0			
1,2-Dichloroethane-d4 (Surr)	0.1600 0.1896	0.1620	0.1556	0.1573	0.1563	Ave		0.1635				8.0		15.0			
Toluene-d8 (Surr)	0.7764 0.8984	0.7854	0.7848	0.7821	0.7745	Ave		0.8003				6.0		15.0			
Bromofluorobenzene	0.7300 0.8900	0.7375	0.7305	0.7300	0.7556	Ave		0.7623				8.3		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

Analy Batch No.: 127499

SDG No.: _____

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/11/2012 21:33 Calibration End Date: 09/11/2012 23:34 Calibration ID: 17430

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-127499/2	p61357.d
Level 2	IC 460-127499/3	p61358.d
Level 3	ICIS 460-127499/4	p61359.d
Level 4	IC 460-127499/5	p61360.d
Level 5	IC 460-127499/6	p61361.d
Level 6	IC 460-127499/7	p61362.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	4304 1638251	20235	63767	158246	662554	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	5552 2274371	23953	83541	210494	885227	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	5381 2181710	24726	84959	212143	891152	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	QuaF	2054 1064313	7447	28328	73533	381269	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	1812 999458	11009	37504	95456	391337	1.00 500	5.00	20.0	50.0	200
n-Pentane	FB	Ave	1910 677402	8381	28993	75605	311248	2.00 1000	10.0	40.0	100	400
Trichlorofluoromethane	FB	Ave	5631 2558736	28312	104769	263186	1094678	1.00 500	5.00	20.0	50.0	200
Dichlorofluoromethane	FB	Ave	7615 3281638	34643	136315	332069	1396431	1.00 500	5.00	20.0	50.0	200
Isopropene	FB	Ave	6478 2589077	29774	107732	271789	1098177	1.00 500	5.00	20.0	50.0	200
Ethyl ether	FB	Ave	4118 1634516	17979	66308	164204	675459	1.00 500	5.00	20.0	50.0	200
Ethanol	FB	Ave	20624 +++++	42348	63395	91752	127324	1000 +++++	2000	3000	4000	5000
1,1-Dichloroethene	FB	Ave	2513 1479073	15217	54162	139977	604518	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	13063 5935109	60590	240634	598621	2503844	1.00 500	5.00	20.0	50.0	200
Freon TF	FB	Ave	4074 1678184	18241	67184	172490	723162	1.00 500	5.00	20.0	50.0	200
Cyclopentene	FB	Ave	12187 5072139	56711	206046	520036	2137092	1.00 500	5.00	20.0	50.0	200
Acrolein	FB	Ave	3440 316962	15764	30892	73450	160222	4.00 400	20.0	40.0	100	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

Analy Batch No.: 127499

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/11/2012 21:33 Calibration End Date: 09/11/2012 23:34 Calibration ID: 17430

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Methylene Chloride	FB	LinF	5408 1915522	19585	73281	183009	762729	1.00 500	5.00	20.0	50.0	200
Acetone	FB	Ave	2531 191270	6313	7889	18275	74820	5.00 500	15.0	20.0	50.0	200
trans-1,2-Dichloroethene	FB	Ave	3958 1917200	18583	70777	182082	760361	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	LinF	1576 477128	5174	19075	44646	191980	1.00 500	5.00	20.0	50.0	200
Hexane	FB	Ave	1039 441233	4743	16665	45096	191729	1.00 500	5.00	20.0	50.0	200
MTBE	FB	Ave	13153 6232158	62503	243027	604349	2536148	1.00 500	5.00	20.0	50.0	200
TBA	FB	Ave	8640 5048200	44637	197174	465208	1985298	20.0 10000	100	400	1000	4000
Acetonitrile	FB	LinF	3133 1006792	10946	38079	100295	398988	20.0 10000	100	400	1000	4000
DIPE	FB	Ave	15866 6615092	68831	269342	656276	2731087	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	7093 3535390	33819	131822	331810	1404676	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	FB	Ave	3621 347201	16559	31620	76777	169319	2.00 200	10.0	20.0	50.0	100
Tert-butyl ethyl ether	FB	Ave	13583 6221469	62926	249155	608168	2560166	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	Ave	18989 8052035	76054	345997	898512	3638678	2.00 1000	10.0	40.0	100	400
cis-1,2-Dichloroethene	FB	Ave	4332 2049730	19162	76002	190799	810440	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	5781 2740970	28092	107437	268262	1117516	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	7303 3118656	34558	122271	318966	1336712	1.00 500	5.00	20.0	50.0	200
Bromochloromethane	FB	Ave	2084 957475	9941	37041	92317	388012	1.00 500	5.00	20.0	50.0	200
Chloroform	FB	Ave	6148 3226743	31001	119961	299826	1276454	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	4877 2365426	22351	86738	225389	956874	1.00 500	5.00	20.0	50.0	200
Ethyl acetate	FB	Ave	829 525879	5321	18768	48584	208149	2.00 1000	10.0	40.0	100	400
Tetrahydrofuran	FB	Ave	2248 1097905	10767	42774	104127	443650	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

Analy Batch No.: 127499

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/11/2012 21:33 Calibration End Date: 09/11/2012 23:34 Calibration ID: 17430

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,1,1-Trichloroethane	FB	Ave	5681 2763583	27452	103984	263392	1114980	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	5496 2758844	26494	102392	262725	1122301	1.00 500	5.00	20.0	50.0	200
2-Butanone	FB	Ave	3133 356162	8175	13508	32320	142889	5.00 500	15.0	20.0	50.0	200
n-Heptane	FB	Ave	2796 1102040	12979	43220	116300	487814	1.00 500	5.00	20.0	50.0	200
Benzene	CBZ	Ave	15294 7864414	75316	296619	741654	3154626	1.00 500	5.00	20.0	50.0	200
Tert-amyl methyl ether	FB	Ave	12226 6010618	59455	234506	570061	2418476	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	4908 2480505	23983	94203	238017	986604	1.00 500	5.00	20.0	50.0	200
Isobutyl alcohol	FB	Ave	196094 1382186	417072	632896	848747	1114434	1000 6000	2000	3000	4000	5000
2,4,4-Trimethyl-1-pentene	FB	Ave	2921 1162607	12769	43242	116489	501375	2.00 1000	10.0	40.0	100	400
Isopropyl acetate	FB	Ave	16324 8470698	75629	321029	797055	3439698	2.00 1000	10.0	40.0	100	400
Methylcyclohexane	FB	Ave	7204 3035585	33783	113372	305668	1299757	1.00 500	5.00	20.0	50.0	200
Trichloroethene	FB	Ave	4051 2000124	18885	72101	182154	786384	1.00 500	5.00	20.0	50.0	200
n-Butanol	FB	Ave	65422 455505	136695	204544	278881	361509	500 3000	1000	1500	2000	2500
Dibromomethane	FB	Ave	2519 1190411	11694	44052	113834	480758	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	3984 2064561	18753	76255	190381	815412	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	6087 2954624	28941	112057	275815	1172165	1.00 500	5.00	20.0	50.0	200
Bromodichloromethane	FB	Ave	5065 2617009	24284	94403	239639	1030639	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	1398 637539	6317	24867	60278	250872	1.00 500	5.00	20.0	50.0	200
1,4-Dioxane	FB	Ave	3131 20868	5412	8560	12240	15149	50.0 300	100	150	200	250
Propyl acetate	FB	Ave	7032 3346171	31024	126651	312342	1325048	1.00 500	5.00	20.0	50.0	200
2-Chloroethyl vinyl ether	FB	Ave	2491 1366816	11823	49702	122950	524525	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

Analy Batch No.: 127499

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/11/2012 21:33 Calibration End Date: 09/11/2012 23:34 Calibration ID: 17430

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
cis-1,3-Dichloropropene	CBZ	Ave	6369 3488268	31490	128058	318846	1365374	1.00 500	5.00	20.0	50.0	200
Toluene	CBZ	Ave	17364 8729910	83535	326727	820130	3472684	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	CBZ	Ave	8528 4740889	44652	185475	441715	1872406	20.0 10000	100	400	1000	4000
Tetrachloroethene	CBZ	Ave	4205 2038834	19815	74597	190090	811342	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone	CBZ	Ave	23991 2365093	63198	89795	216564	934877	5.00 500	15.0	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	5749 3294717	30002	119578	298304	1282775	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	3214 1587726	14312	56508	142569	620886	1.00 500	5.00	20.0	50.0	200
Ethyl methacrylate	FB	Ave	6536 3147523	30377	119558	288052	1232367	1.00 500	5.00	20.0	50.0	200
Dibromochloromethane	CBZ	Ave	3802 2166507	18445	75255	189696	835738	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	6546 3305476	30179	119735	300694	1289445	1.00 500	5.00	20.0	50.0	200
1,2-Dibromoethane	CBZ	Ave	3779 1967630	18154	69772	181226	772446	1.00 500	5.00	20.0	50.0	200
Butyl acetate	CBZ	Ave	2895 1393072	12386	50933	124495	542665	2.00 1000	10.0	40.0	100	400
2-Hexanone	CBZ	Ave	16292 1723620	45730	68021	155365	674708	5.00 500	15.0	20.0	50.0	200
Chlorobenzene	CBZ	Ave	11395 5841397	54666	213399	534924	2289169	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	6482 3186957	29388	112960	287124	1245355	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	3802 2125831	18905	73871	187373	824191	1.00 500	5.00	20.0	50.0	200
m&p-Xylene	CBZ	Ave	15094 7925029	72770	279833	706819	3081848	2.00 1000	10.0	40.0	100	400
o-Xylene	CBZ	Ave	7366 3860202	35479	136976	345584	1501146	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Ave	2523 1588757	13192	52658	134812	607320	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	12832 6824736	60410	244416	607914	2652641	1.00 500	5.00	20.0	50.0	200
Butyl acrylate	CBZ	Ave	3395 1930408	16829	70484	171744	754702	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

Analy Batch No.: 127499

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/11/2012 21:33 Calibration End Date: 09/11/2012 23:34 Calibration ID: 17430

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Isopropylbenzene	CBZ	Ave	18519 10076788	92569	360885	912160	3974910	1.00 500	5.00	20.0	50.0	200
Monobromobenzene	DCB	Ave	4628 2557570	23414	93630	234623	1011546	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	Ave	22733 11901310	110205	428576	1093713	4743277	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	5032 2604587	22891	96172	237745	1032096	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	16302 8228914	77402	298892	751472	3266547	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	1816 776985	7459	28350	69711	305616	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	16420 8561349	79435	309732	785673	3401166	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCB	Ave	1766 797931	8006	31084	75320	319037	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	14372 7743748	70992	281662	708056	3051090	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	Ave	13918 7151839	67432	260088	665467	2866070	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	Ave	6720 3364276	31473	127179	311024	1340079	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	16713 8833777	82752	324099	816272	3507698	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	Ave	20187 10367915	98366	381607	976321	4187661	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	9422 4847615	46026	178217	454748	1931291	1.00 500	5.00	20.0	50.0	200
p-Isopropyltoluene	DCB	Ave	17444 9109134	85592	330612	846253	3675153	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	9743 4925917	47041	185606	465302	1965258	1.00 500	5.00	20.0	50.0	200
Indan	FB	Ave	18873 8488499	88302	341221	826423	3486683	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	Ave	15756 7462212	74960	305353	729458	3081823	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	15995 7946897	79843	309444	788900	3340614	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	9034 4688402	45267	177814	444848	1884858	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	Ave	1163 531347	4757	19760	48273	214017	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

Analy Batch No.: 127499

SDG No.: _____

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/11/2012 21:33 Calibration End Date: 09/11/2012 23:34 Calibration ID: 17430

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2,4-Trichlorobenzene	DCB	Ave	6528 3396138	32116	129081	329382	1370317	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	Ave	2548 1174860	11905	45063	116083	483839	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCB	Ave	18218 9052479	85953	350722	874921	3628402	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	Ave	6140 3043826	29266	119478	298340	1229481	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane-d4 (Surr)	FB	Ave	104341 114910	107144	104198	105329	107885	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	396172 419546	402438	399492	402039	407548	50.0 50.0	50.0	50.0	50.0	50.0
Bromofluorobenzene	DCB	Ave	199493 217623	200625	198151	200329	210669	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
LinF = Linear ISTD forced zero
QuaF = Quadratic ISTD forced zero

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

Analy Batch No.: 126543

SDG No.: _____

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/04/2012 10:21 Calibration End Date: 09/04/2012 12:18 Calibration ID: 17268

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-126543/2	e07324.d
Level 2	IC 460-126543/3	e07325.d
Level 3	ICIS 460-126543/4	e07326.d
Level 4	IC 460-126543/5	e07327.d
Level 5	IC 460-126543/6	e07328.d
Level 6	IC 460-126543/7	e07329.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.2712 0.2302	0.2895	0.2658	0.2513	0.2386	Ave		0.2578				8.5		15.0			
Chloromethane	0.4004 0.3043	0.4036	0.3607	0.3591	0.3084	Ave		0.3561			0.1000	12.0		15.0			
Vinyl chloride	0.3213 0.2607	0.3441	0.3142	0.3055	0.2720	Ave		0.3030				10.3		30.0			
Bromomethane	0.0734 0.1570	0.0890	0.0875	0.1141	0.1384	LinF		0.1544							0.9961		0.9900
Chloroethane	0.2328 +++++	0.2057	0.1736	0.1730	0.1661	Ave		0.1902				14.9		15.0			
n-Pentane	0.0521 0.0449	0.0522	0.0443	0.0455	0.0419	Ave		0.0468				9.2		15.0			
Trichlorofluoromethane	0.3630 0.3554	0.3914	0.3379	0.3499	0.3269	Ave		0.3541				6.3		15.0			
Dichlorofluoromethane	0.4040 0.2920	0.3870	0.3712	0.3677	0.3030	Ave		0.3542				12.9		15.0			
Isopropene	0.4593 0.4105	0.4319	0.4710	0.4317	0.4064	Ave		0.4351				5.9		15.0			
Ethyl ether	0.2217 0.1664	0.2208	0.1957	0.1986	0.1652	Ave		0.1947				12.8		15.0			
1,1-Dichloroethene	0.1896 0.1664	0.2010	0.1835	0.1740	0.1644	Ave		0.1798				7.9		30.0			
Carbon disulfide	0.8908 0.7300	0.8407	0.8024	0.7974	0.7087	Ave		0.7950				8.5		15.0			
Freon TF	0.2369 0.2217	0.2390	0.2160	0.2200	0.2038	Ave		0.2229				6.0		15.0			
Ethanol	0.0016 0.0015	0.0012	0.0013	0.0013	0.0013	Ave		0.0014				11.0		15.0			
Iodomethane	0.3744 0.2999	0.3027	0.3092	0.3537	0.3288	Ave		0.3281				9.2		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 126543

SDG No.: _____

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/04/2012 10:21 Calibration End Date: 09/04/2012 12:18 Calibration ID: 17268

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Cyclopentene	0.6426 0.5865	0.6866	0.6717	0.6680	0.5894	Ave		0.6408				6.8		15.0			
Acrolein	0.0394 0.0297	0.0386	0.0371	0.0339	0.0331	Ave		0.0353				10.5		15.0			
Methylene Chloride	0.2875 0.2231	0.3128	0.2728	0.2713	0.2388	Ave		0.2677				12.2		15.0			
Acetone	0.0257 +++++	0.0229	0.0229	0.0220	0.0167	Ave		0.0220				14.9		15.0			
trans-1,2-Dichloroethene	0.2646 0.2081	0.2553	0.2335	0.2397	0.2115	Ave		0.2354				9.7		15.0			
Methyl acetate	0.0529 0.0397	0.0531	0.0507	0.0500	0.0409	Ave		0.0479				12.6		15.0			
Hexane	0.0825 0.0635	0.0767	0.0659	0.0678	0.0630	Ave		0.0699				11.3		15.0			
MTBE	0.8542 0.7033	0.8489	0.7708	0.7961	0.6946	Ave		0.7780				8.9		15.0			
TBA	0.0271 0.0221	0.0277	0.0258	0.0261	0.0220	Ave		0.0251				9.9		15.0			
Acetonitrile	0.0050 0.0043	0.0036	0.0042	0.0046	0.0047	Ave		0.0044				11.0		15.0			
DIPE	1.0553 0.8208	1.0468	0.9798	0.9670	0.8313	Ave		0.9502				10.8		15.0			
1,1-Dichloroethane	0.5356 0.4211	0.5441	0.4734	0.4842	0.4364	Ave		0.4825				0.1000	10.4	15.0			
Acrylonitrile	0.0920 0.0789	0.0945	0.0877	0.0895	0.0835	Ave		0.0877				6.5		15.0			
Vinyl acetate	0.5948 0.4398	0.5968	0.4996	0.4734	0.4631	Ave		0.5112				13.3		15.0			
Tert-butyl ethyl ether	0.9614 0.8254	0.9655	0.8812	0.8722	0.7604	Ave		0.8777				9.0		15.0			
cis-1,2-Dichloroethene	0.3149 0.2290	0.3011	0.2599	0.2594	0.2265	Ave		0.2651				13.7		15.0			
2,2-Dichloropropane	0.4009 0.3650	0.4030	0.3759	0.3685	0.3604	Ave		0.3790				4.9		15.0			
Bromochloromethane	0.1507 0.1228	0.1504	0.1323	0.1347	0.1195	Ave		0.1351				9.8		15.0			
Cyclohexane	0.4202 0.4109	0.4463	0.4117	0.3960	0.3756	Ave		0.4101				5.8		15.0			
Chloroform	0.4844 0.4146	0.4957	0.4369	0.4542	0.4049	Ave		0.4484				8.2		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 126543

SDG No.: _____

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/04/2012 10:21 Calibration End Date: 09/04/2012 12:18 Calibration ID: 17268

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Carbon tetrachloride	0.3341 0.3545	0.3600	0.3300	0.3151	0.3401	Ave		0.3390				4.9		15.0			
Ethyl acetate	0.0246 0.0243	0.0279	0.0252	0.0251	0.0224	Ave		0.0249				7.1		15.0			
Tetrahydrofuran	0.1350 0.1100	0.1392	0.1199	0.1177	0.1023	Ave		0.1207				11.8		15.0			
1,1,1-Trichloroethane	0.4025 0.4048	0.4208	0.3850	0.3815	0.3953	Ave		0.3983				3.6		15.0			
1,1-Dichloropropene	0.3864 0.3716	0.3852	0.3652	0.3454	0.3569	Ave		0.3685				4.3		15.0			
2-Butanone	0.0308 0.0401	0.0327	0.0413	0.0397	0.0370	Ave		0.0370				11.6		15.0			
n-Heptane	0.1929 0.1260	0.1623	0.1412	0.1385	0.1208	LinF		0.1255							0.9995		0.9900
Benzene	1.2593 1.0494	1.2017	1.1090	1.0790	1.0375	Ave		1.1226				7.9		15.0			
Propionitrile	0.0372 0.0309	0.0380	0.0340	0.0336	0.0287	Ave		0.0337				10.6		15.0			
Methacrylonitrile	0.0974 0.0843	0.0995	0.0853	0.0886	0.0772	Ave		0.0887				9.5		15.0			
Tert-amyl methyl ether	0.7777 0.7279	0.7897	0.7278	0.7372	0.6486	Ave		0.7348				6.8		15.0			
1,2-Dichloroethane	0.4138 0.3484	0.3902	0.3672	0.3721	0.3366	Ave		0.3714				7.5		15.0			
2,4,4-Trimethyl-1-pentene	0.0836 0.0732	0.0914	0.0767	0.0777	0.0694	Ave		0.0787				10.0		15.0			
Isopropyl acetate	0.5727 0.4787	0.4542	0.4921	0.4522	0.4326	Ave		0.4804				10.4		15.0			
Methylcyclohexane	0.4266 0.3830	0.4224	0.3790	0.3804	0.3479	Ave		0.3899				7.6		15.0			
Trichloroethene	0.3018 0.2571	0.2804	0.2571	0.2475	0.2429	Ave		0.2645				8.5		15.0			
Dibromomethane	0.1642 0.1494	0.1695	0.1531	0.1594	0.1435	Ave		0.1565				6.2		15.0			
1,2-Dichloropropane	0.2845 0.2519	0.2821	0.2531	0.2541	0.2402	Ave		0.2610				6.9		30.0			
Bromodichloromethane	0.3637 0.3591	0.3743	0.3465	0.3525	0.3419	Ave		0.3563				3.3		15.0			
Ethyl acrylate	0.3600 0.3127	0.3406	0.3117	0.3207	0.2825	Ave		0.3213				8.3		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 126543

SDG No.: _____

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/04/2012 10:21 Calibration End Date: 09/04/2012 12:18 Calibration ID: 17268

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Methyl methacrylate	0.0698 0.0687	0.0737	0.0682	0.0690	0.0619	Ave		0.0685				5.6		15.0			
1,4-Dioxane	0.0035 0.0026	0.0026	0.0026	0.0024	0.0024	Ave		0.0027				14.6		15.0			
Propyl acetate	0.3745 0.3490	0.3754	0.3433	0.3488	0.3106	Ave		0.3503				6.8		15.0			
2-Chloroethyl vinyl ether	0.1419 0.1496	0.1625	0.1513	0.1567	0.1350	Ave		0.1495				6.6		15.0			
cis-1,3-Dichloropropene	0.5207 0.5018	0.5346	0.4877	0.4931	0.4725	Ave		0.5018				4.5		15.0			
Toluene	1.4294 1.2172	1.4295	1.2986	1.2604	1.2011	Ave		1.3060				7.8		30.0			
Epichlorohydrin	0.0290 0.0255	0.0287	0.0265	0.0270	0.0241	Ave		0.0268				7.0		15.0			
Tetrachloroethene	0.3799 0.3450	0.3906	0.3588	0.3342	0.3373	Ave		0.3576				6.5		15.0			
4-Methyl-2-pentanone	0.3120 0.2782	0.2934	0.2695	0.2744	0.2444	Ave		0.2787				8.2		15.0			
trans-1,3-Dichloropropene	0.4890 0.4912	0.4934	0.4505	0.4643	0.4538	Ave		0.4737				4.2		15.0			
1,1,2-Trichloroethane	0.2578 0.2100	0.2378	0.2018	0.2074	0.1950	Ave		0.2183				11.1		15.0			
Ethyl methacrylate	0.3408 0.3621	0.3595	0.3401	0.3513	0.3141	Ave		0.3446				5.1		15.0			
Dibromochloromethane	0.3343 0.3504	0.3411	0.3098	0.3268	0.3199	Ave		0.3304				4.4		15.0			
1,3-Dichloropropane	0.5274 0.4601	0.5069	0.4529	0.4564	0.4283	Ave		0.4720				7.9		15.0			
1,2-Dibromoethane	0.2990 0.2738	0.2957	0.2674	0.2702	0.2578	Ave		0.2773				5.9		15.0			
Butyl acetate	0.0757 0.0827	0.0774	0.0748	0.0766	0.0707	Ave		0.0763				5.1		15.0			
2-Hexanone	0.2311 0.2046	0.2249	0.2134	0.2106	0.1948	Ave		0.2132				6.2		15.0			
Chlorobenzene	1.0440 0.8791	1.0153	0.9053	0.8924	0.8460	Ave		0.9303			0.3000	8.6		15.0			
Ethylbenzene	0.5143 0.4771	0.5181	0.4778	0.4597	0.4559	Ave		0.4838				5.5		30.0			
1,1,1,2-Tetrachloroethane	0.3380 0.3504	0.3490	0.3236	0.3284	0.3239	Ave		0.3356				3.6		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 126543

SDG No.: _____

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/04/2012 10:21 Calibration End Date: 09/04/2012 12:18 Calibration ID: 17268

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
m&p-Xylene	0.6627 0.5897	0.6752	0.6203	0.5894	0.5784	Ave		0.6193				6.6		15.0			
o-Xylene	0.6628 0.5776	0.6577	0.6037	0.5873	0.5694	Ave		0.6097				6.7		15.0			
Bromoform	0.2448 0.2625	0.2482	0.2399	0.2537	0.2527	Ave		0.2503			0.1000	3.1		15.0			
Styrene	1.1186 1.0028	1.1247	1.0350	1.0265	0.9951	Ave		1.0505				5.4		15.0			
Butyl acrylate	0.2321 0.2552	0.2366	0.2293	0.2431	0.2325	Ave		0.2381				4.1		15.0			
Isopropylbenzene	1.6624 1.4834	1.7235	1.5856	1.4938	1.5153	Ave		1.5773				6.2		15.0			
Camphepane, Total	0.1375 0.1077	0.1189	0.1078	0.1076	0.1012	Ave		0.1134				11.5		15.0			
Amly acetate	0.6082 0.6687	0.5593	0.5316	0.5634	0.5511	Ave		0.5804				8.6		15.0			
Monobromobenzene	0.8286 0.7531	0.8053	0.7099	0.7257	0.7076	Ave		0.7550				6.8		15.0			
N-Propylbenzene	3.2048 2.9657	3.2626	2.9656	2.8187	2.8977	Ave		3.0192				5.8		15.0			
1,1,2,2-Tetrachloroethane	0.6175 0.5580	0.6059	0.5288	0.5449	0.5341	Ave		0.5649			0.3000	6.7		15.0			
2-Chlorotoluene	2.3650 2.1698	2.2906	2.0830	2.0532	2.0326	Ave		2.1657				6.3		15.0			
1,2,3-Trichloropropane	0.2120 0.1899	0.1996	0.1732	0.1830	0.1787	Ave		0.1894				7.6		15.0			
1,3,5-Trimethylbenzene	2.3384 2.2020	2.4115	2.1911	2.1137	2.1338	Ave		2.2317				5.3		15.0			
trans-1,4-Dichloro-2-butene	0.2083 0.2066	0.1872	0.1784	0.1894	0.1794	Ave		0.1916				6.8		15.0			
4-Chlorotoluene	2.2664 1.9961	2.2006	1.9543	1.9208	1.9047	Ave		2.0405				7.6		15.0			
tert-Butylbenzene	1.9403 1.8044	2.0151	1.8322	1.7387	1.7775	Ave		1.8514				5.7		15.0			
1,2,4-Trimethylbenzene	2.4527 2.2365	2.4871	2.2842	2.2080	2.1550	Ave		2.3039				5.9		15.0			
Butyl Methacrylate	0.7382 0.8559	0.7726	0.7476	0.7790	0.7426	Ave		0.7726				5.7		15.0			
sec-Butylbenzene	2.6472 2.4199	2.8101	2.5055	2.3540	2.3807	Ave		2.5196				7.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 126543

SDG No.: _____

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/04/2012 10:21 Calibration End Date: 09/04/2012 12:18 Calibration ID: 17268

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,3-Dichlorobenzene	1.6006 1.2764	1.4765	1.3323	1.3228	1.2425	Ave		1.3752				9.9		15.0			
p-Isopropyltoluene	2.4616 2.1903	2.5142	2.2572	2.1503	2.1375	Ave		2.2852				7.1		15.0			
1,4-Dichlorobenzene	1.6916 1.3135	1.5407	1.3723	1.3589	1.2666	Ave		1.4239				11.3		15.0			
Indan	1.4976 1.0714	1.3797	1.2573	1.2491	1.0626	Ave		1.2530				13.6		15.0			
2-Octanone	0.9107 1.0158	0.7763	0.8382	0.8552	0.7708	Ave		0.8612				10.7		15.0			
Benzyl chloride	1.8445 1.3239	1.6438	1.5408	1.5894	1.1789	LinF		1.3092							0.9971		0.9900
n-Butylbenzene	2.2067 1.7994	2.0996	1.8799	1.7517	1.7273	Ave		1.9108				10.3		15.0			
1,2-Dichlorobenzene	1.4943 1.2362	1.4296	1.2827	1.2694	1.1686	Ave		1.3135				9.4		15.0			
1,2-Dibromo-3-Chloropropane	0.1279 0.1151	0.1180	0.1060	0.1100	0.1053	Ave		0.1137				7.5		15.0			
1,2,4-Trichlorobenzene	1.1296 0.7962	0.9562	0.8605	0.8188	0.7681	LinF		0.7928							0.9997		0.9900
Hexachlorobutadiene	0.5463 0.3384	0.4279	0.3636	0.3279	0.3272	LinF		0.3369							0.9998		0.9900
Camphor	0.1013 0.0651	0.0584	0.0569	0.0571	0.0504	LinF		0.0634							0.9902		0.9900
Naphthalene	2.3997 1.6000	1.8667	1.6440	1.6066	1.5250	LinF		1.5903							0.9996		0.9900
1,2,3-Trichlorobenzene	1.0406 0.6553	0.7966	0.7111	0.6892	0.6457	LinF		0.6544							0.9999		0.9900
1,2-Dichloroethane-d4 (Surr)	0.3111 0.3062	0.3112	0.2946	0.3106	0.2952	Ave		0.3048				2.6		15.0			
Toluene-d8 (Surr)	1.1511 1.1230	1.1435	1.1285	1.1532	1.1105	Ave		1.1350				1.5		15.0			
Bromofluorobenzene	0.8068 0.8628	0.8130	0.7896	0.8143	0.8283	Ave		0.8191				3.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 126543

SDG No.: _____

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/04/2012 10:21 Calibration End Date: 09/04/2012 12:18 Calibration ID: 17268

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-126543/2	e07324.d
Level 2	IC 460-126543/3	e07325.d
Level 3	ICIS 460-126543/4	e07326.d
Level 4	IC 460-126543/5	e07327.d
Level 5	IC 460-126543/6	e07328.d
Level 6	IC 460-126543/7	e07329.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	5190 2625047	27495	100300	245735	1009556	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	7661 3469315	38332	136137	351098	1305189	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	6149 2972667	32684	118599	298719	1150829	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	LinF	1404 1790046	8450	33033	111531	585481	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	4454 +++++	19535	65521	169142	702835	1.00 +++++	5.00	20.0	50.0	200
n-Pentane	FB	Ave	1992 1024077	9919	33407	89004	354416	2.00 1000	10.0	40.0	100	400
Trichlorofluoromethane	FB	Ave	6947 4051886	37176	127535	342090	1383224	1.00 500	5.00	20.0	50.0	200
Dichlorofluoromethane	FB	Ave	7730 3329391	36760	140107	359532	1282283	1.00 500	5.00	20.0	50.0	200
Isopropene	FB	Ave	8789 4680875	41017	177764	422118	1719717	1.00 500	5.00	20.0	50.0	200
Ethyl ether	FB	Ave	4242 1897607	20974	73857	194136	699019	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethene	FB	Ave	3629 1897145	19091	69252	170094	695749	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	17046 8323179	79848	302829	779689	2999001	1.00 500	5.00	20.0	50.0	200
Freon TF	FB	Ave	4534 2527488	22703	81513	215084	862284	1.00 500	5.00	20.0	50.0	200
Ethanol	FB	Ave	31259 201025	46745	72925	99758	142568	1000 6000	2000	3000	4000	5000
Iodomethane	FB	Ave	7165 3419333	28754	116707	345856	1391436	1.00 500	5.00	20.0	50.0	200
Cyclopentene	FB	Ave	12296 6687690	65214	253497	653172	2494237	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

Analy Batch No.: 126543

SDG No.:

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/04/2012 10:21 Calibration End Date: 09/04/2012 12:18 Calibration ID: 17268

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Acrolein	FB	Ave	3013 271123	14655	28010	66334	140224	4.00 400	20.0	40.0	100	200
Methylene Chloride	FB	Ave	5502 2543804	29712	102945	265272	1010348	1.00 500	5.00	20.0	50.0	200
Acetone	FB	Ave	2458 ++++	6517	8628	21538	70736	5.00 ++++	15.0	20.0	50.0	200
trans-1,2-Dichloroethene	FB	Ave	5064 2372569	24246	88105	234328	894944	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	Ave	1013 452540	5043	19131	48891	173145	1.00 500	5.00	20.0	50.0	200
Hexane	FB	Ave	1579 724531	7283	24871	66309	266635	1.00 500	5.00	20.0	50.0	200
MTBE	FB	Ave	16345 8019360	80629	290920	778335	2939127	1.00 500	5.00	20.0	50.0	200
TBA	FB	Ave	10385 5041105	52575	194371	510510	1861999	20.0 10000	100	400	1000	4000
Acetonitrile	FB	Ave	1926 983094	6924	31643	90734	400505	20.0 10000	100	400	1000	4000
DIPE	FB	Ave	20193 9359097	99427	369790	945522	3517867	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	10249 4801786	51681	178664	473421	1846833	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	FB	Ave	3522 359890	17942	33102	87488	176759	2.00 200	10.0	20.0	50.0	100
Vinyl acetate	FB	Ave	22763 10029562	113361	377132	925734	3918952	2.00 1000	10.0	40.0	100	400
Tert-butyl ethyl ether	FB	Ave	18397 9411619	91703	332569	852828	3217872	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	6025 2610760	28600	98094	253616	958518	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	7672 4162113	38279	141857	360324	1524985	1.00 500	5.00	20.0	50.0	200
Bromochloromethane	FB	Ave	2884 1400105	14281	49917	131686	505747	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	8041 4685514	42387	155367	387202	1589422	1.00 500	5.00	20.0	50.0	200
Chloroform	FB	Ave	9269 4727560	47077	164874	444065	1713194	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	6393 4041510	34196	124544	308120	1439027	1.00 500	5.00	20.0	50.0	200
Ethyl acetate	FB	Ave	941 555088	5293	19022	49070	189794	2.00 1000	10.0	40.0	100	400

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

Analy Batch No.: 126543

SDG No.:

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/04/2012 10:21 Calibration End Date: 09/04/2012 12:18 Calibration ID: 17268

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Tetrahydrofuran	FB	Ave	2583 1254765	13224	45241	115072	432934	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	7702 4615431	39967	145301	372974	1672634	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	7393 4237233	36583	137845	337731	1510293	1.00 500	5.00	20.0	50.0	200
2-Butanone	FB	Ave	2949 457266	9321	15595	38851	156771	5.00 500	15.0	20.0	50.0	200
n-Heptane	FB	LinF	3692 1436902	15417	53280	135403	511354	1.00 500	5.00	20.0	50.0	200
Benzene	CBZ	Ave	21429 10706721	101708	375042	950676	3895588	1.00 500	5.00	20.0	50.0	200
Propionitrile	FB	Ave	1424 703871	7220	25659	65747	243197	2.00 1000	10.0	40.0	100	400
Methacrylonitrile	FB	Ave	3727 1921277	18908	64369	173266	653767	2.00 1000	10.0	40.0	100	400
Tert-amyl methyl ether	FB	Ave	14882 8299814	75000	274666	720791	2744682	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	7919 3972011	37058	138566	363814	1424225	1.00 500	5.00	20.0	50.0	200
2,4,4-Trimethyl-1-pentene	FB	Ave	3201 1669763	17371	57922	151978	587107	2.00 1000	10.0	40.0	100	400
Isopropyl acetate	FB	Ave	21917 10916362	86280	371465	884295	3660854	2.00 1000	10.0	40.0	100	400
Methylcyclohexane	FB	Ave	8163 4367126	40117	143043	371898	1472027	1.00 500	5.00	20.0	50.0	200
Trichloroethene	FB	Ave	5775 2931097	26631	97019	242012	1027718	1.00 500	5.00	20.0	50.0	200
Dibromomethane	FB	Ave	3142 1703560	16096	57792	155854	607040	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	5444 2871931	26798	95535	248414	1016526	1.00 500	5.00	20.0	50.0	200
Bromodichloromethane	FB	Ave	6959 4094108	35552	130787	344616	1446918	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	6888 3565260	32346	117655	313514	1195234	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	1335 783123	7000	25740	67509	261736	1.00 500	5.00	20.0	50.0	200
1,4-Dioxane	FB	Ave	3303 17864	4895	7274	9350	12946	50.0 300	100	150	200	250
Propyl acetate	FB	Ave	7166 3979096	35656	129559	341015	1314164	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

Analy Batch No.: 126543

SDG No.:

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/04/2012 10:21 Calibration End Date: 09/04/2012 12:18 Calibration ID: 17268

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
2-Chloroethyl vinyl ether	FB	Ave	2716 1705915	15437	57101	153251	571110	1.00 500	5.00	20.0	50.0	200
cis-1,3-Dichloropropene	CBZ	Ave	8861 5119535	45250	164950	434459	1774237	1.00 500	5.00	20.0	50.0	200
Toluene	CBZ	Ave	24322 12418759	120990	439193	1110479	4509774	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	CBZ	Ave	9874 5205614	48624	179204	475989	1809687	20.0 10000	100	400	1000	4000
Tetrachloroethene	CBZ	Ave	6464 3519585	33060	121344	294436	1266544	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone	CBZ	Ave	26549 2838881	74508	91140	241729	917653	5.00 500	15.0	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	8321 5011515	41757	152364	409069	1704002	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	4387 2142179	20124	68234	182774	732360	1.00 500	5.00	20.0	50.0	200
Ethyl methacrylate	FB	Ave	6521 4128469	34145	128339	343446	1329281	1.00 500	5.00	20.0	50.0	200
Dibromochloromethane	CBZ	Ave	5689 3574997	28873	104788	287936	1201326	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	8975 4694517	42906	153171	402130	1608032	1.00 500	5.00	20.0	50.0	200
1,2-Dibromoethane	CBZ	Ave	5088 2793971	25030	90417	238061	967969	1.00 500	5.00	20.0	50.0	200
Butyl acetate	CBZ	Ave	2576 1687094	13107	50583	135002	531134	2.00 1000	10.0	40.0	100	400
2-Hexanone	CBZ	Ave	19660 2087467	57116	72174	185592	731447	5.00 500	15.0	20.0	50.0	200
Chlorobenzene	CBZ	Ave	17765 8969375	85931	306181	786268	3176400	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	8752 4868266	43847	161591	404994	1711782	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	5752 3575495	29539	109437	289334	1216088	1.00 500	5.00	20.0	50.0	200
m&p-Xylene	CBZ	Ave	22554 12032435	114291	419546	1038577	4343620	2.00 1000	10.0	40.0	100	400
o-Xylene	CBZ	Ave	11279 5892687	55665	204158	517409	2137814	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Ave	4165 2678198	21008	81135	223557	948658	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	19035 10231289	95195	350017	904413	3736370	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

Analy Batch No.: 126543

SDG No.:

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/04/2012 10:21 Calibration End Date: 09/04/2012 12:18 Calibration ID: 17268

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Butyl acrylate	CBZ	Ave	3949 2604004	20025	77560	214167	872811	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	28288 15134696	145874	536248	1316134	5689626	1.00 500	5.00	20.0	50.0	200
Camphepane, Total	CBZ	Ave	2340 1098864	10060	36462	94787	380075	1.00 500	5.00	20.0	50.0	200
Amly acetate	DCB	Ave	6508 3781307	29258	112585	306986	1255485	1.00 500	5.00	20.0	50.0	200
Monobromobenzene	DCB	Ave	8867 4258274	42123	150347	395398	1611966	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	Ave	34294 16769776	170657	628102	1535882	6601559	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	6608 3155173	31694	112001	296921	1216832	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	25307 12269379	119814	441179	1118738	4630574	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	2269 1074072	10440	36687	99710	407166	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	25022 12451521	126139	464080	1151716	4861252	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCB	Ave	2229 1168150	9794	37787	103221	408633	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	24252 11287115	115107	413915	1046604	4339248	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	Ave	20762 10203439	105405	388057	947411	4049358	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	26245 12646725	130097	483796	1203130	4909440	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	Ave	7899 4839622	40413	158334	424447	1691759	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	Ave	28327 13683848	146990	530668	1282659	5423651	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	17127 7217587	77232	282175	720796	2830656	1.00 500	5.00	20.0	50.0	200
p-Isopropyltoluene	DCB	Ave	26341 12385541	131511	478078	1171669	4869697	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	18101 7427222	80592	290648	740450	2885451	1.00 500	5.00	20.0	50.0	200
Indan	FB	Ave	28657 12215735	131046	474527	1221343	4496670	1.00 500	5.00	20.0	50.0	200
2-Octanone	DCB	Ave	9745 5744157	40606	177527	465986	1756014	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

Analy Batch No.: 126543

SDG No.: _____

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/04/2012 10:21 Calibration End Date: 09/04/2012 12:18 Calibration ID: 17268

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Benzyl chloride	DCB	LinF	19737 7486275	85986	326338	866043	2685700	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	23613 10175055	109825	398156	954497	3935149	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	15990 6990296	74779	271667	691672	2662371	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	Ave	1369 650917	6173	22447	59913	239856	1.00 500	5.00	20.0	50.0	200
1,2,4-Trichlorobenzene	DCB	LinF	12088 4502370	50017	182258	446126	1749910	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	LinF	5846 1913578	22380	77000	178665	745465	1.00 500	5.00	20.0	50.0	200
Camphor	DCB	LinF	5421 1839321	15286	60219	155683	573822	5.00 2500	25.0	100	250	1000
Naphthalene	DCB	LinF	25678 9047234	97642	348204	875408	3474177	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	LinF	11135 3705588	41668	150618	375557	1470967	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane-d4 (Surr)	FB	Ave	297610 349177	295530	277989	303676	312334	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	979369 1145807	967827	954145	1016047	1042467	50.0 50.0	50.0	50.0	50.0	50.0
Bromofluorobenzene	DCB	Ave	431654 487886	425262	418064	443700	471753	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD

LinF = Linear ISTD forced zero

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison	Job No.: 460-44405-1
SDG No.:	
Lab Sample ID: CCVIS 460-128358/2	Calibration Date: 09/18/2012 21:10
Instrument ID: VOAMS13	Calib Start Date: 09/11/2012 21:33
GC Column: DB-624	Calib End Date: 09/11/2012 23:34
Lab File ID: p61659.d	Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2701	0.2534		18.8	20.0	-6.2	50.0
Chloromethane	Ave	0.3517	0.2961	0.1000	16.8	20.0	-15.8	50.0
Vinyl chloride	Ave	0.3506	0.2887		16.5	20.0	-17.7	20.0
Bromomethane	QuaF	0.1332	0.1266		20.2	20.0	1.2	50.0
Chloroethane	Ave	0.1491	0.1744		23.4	20.0	16.9	50.0
n-Pentane	Ave	0.0599	0.0628		41.9	40.0	4.8	50.0
Trichlorofluoromethane	Ave	0.4105	0.4592		22.4	20.0	11.9	50.0
Dichlorofluoromethane	Ave	0.5267	0.5263		20.0	20.0	-0.0	50.0
Isopropene	Ave	0.4300	0.3767		17.5	20.0	-12.4	50.0
Ethyl ether	Ave	0.2658	0.2188		16.5	20.0	-17.7	50.0
Ethanol	Ave	0.0017	0.0017		2980	3000	-0.7	50.0
1,1-Dichloroethene	Ave	0.2162	0.1957		18.1	20.0	-9.5	20.0
Carbon disulfide	Ave	0.9328	0.7236		15.5	20.0	-22.4	50.0
Freon TF	Ave	0.2726	0.2467		18.1	20.0	-9.5	50.0
Cyclopentene	Ave	0.8249	0.7088		17.2	20.0	-14.1	50.0
Acrolein	Ave	0.0602	0.0458		30.4	40.0	-24.0	99.0
Methylene Chloride	LinF	0.3084	0.2566		16.5	20.0	-17.5	50.0
Acetone	Ave	0.0310	0.0261		16.8	20.0	-15.9	50.0
trans-1,2-Dichloroethene	Ave	0.2854	0.2498		17.5	20.0	-12.5	50.0
Methyl acetate	LinF	0.0809	0.0587		15.2	20.0	-24.2	50.0
Hexane	Ave	0.0705	0.0599		17.0	20.0	-15.1	50.0
MTBE	Ave	0.9518	0.7623		16.0	20.0	-19.9	50.0
TBA	Ave	0.0360	0.0291		323	400	-19.2	50.0
Acetonitrile	LinF	0.0084	0.0069		336	400	-16.0	50.0
DIPE	Ave	1.054	0.8213		15.6	20.0	-22.1	50.0
1,1-Dichloroethane	Ave	0.5226	0.4548	0.1000	17.4	20.0	-13.0	50.0
Acrylonitrile	Ave	0.1271	0.1060		16.7	20.0	-16.6	50.0
Tert-butyl ethyl ether	Ave	0.9643	0.8035	0.0100	16.7	20.0	-16.7	50.0
Vinyl acetate	Ave	0.6572	0.4910		29.9	40.0	-25.3	50.0
cis-1,2-Dichloroethene	Ave	0.3038	0.2844		18.7	20.0	-6.4	50.0
2,2-Dichloropropane	Ave	0.4212	0.3806		18.1	20.0	-9.6	50.0
Cyclohexane	Ave	0.5024	0.4519		18.0	20.0	-10.0	50.0
Bromochloromethane	Ave	0.1475	0.1383		18.7	20.0	-6.3	50.0
Chloroform	Ave	0.4718	0.4646		19.7	20.0	-1.5	20.0
Carbon tetrachloride	Ave	0.3516	0.2986		17.0	20.0	-15.1	50.0
Ethyl acetate	Ave	0.0374	0.0315		33.7	40.0	-15.9	50.0
Tetrahydrofuran	Ave	0.1654	0.1421		17.2	20.0	-14.1	50.0
1,1,1-Trichloroethane	Ave	0.4154	0.3932		18.9	20.0	-5.4	50.0
1,1-Dichloropropene	Ave	0.4098	0.3956		19.3	20.0	-3.5	50.0
2-Butanone	Ave	0.0498	0.0510		20.5	20.0	2.4	50.0
n-Heptane	Ave	0.1841	0.1559		16.9	20.0	-15.3	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44405-1

SDG No.:

Lab Sample ID: CCVIS 460-128358/2 Calibration Date: 09/18/2012 21:10

Instrument ID: VOAMS13 Calib Start Date: 09/11/2012 21:33

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 09/11/2012 23:34

Lab File ID: p61659.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	1.508	1.504		19.9	20.0	-0.3	50.0
Tert-amyl methyl ether	Ave	0.9053	0.7451		16.5	20.0	-17.7	50.0
1,2-Dichloroethane	Ave	0.3688	0.3658		19.8	20.0	-0.8	50.0
Isobutyl alcohol	Ave	0.0163	0.0142		2610	3000	-12.9	50.0
2,4,4-Trimethyl-1-pentene	Ave	0.0938	0.0808		34.5	40.0	-13.9	50.0
Isopropyl acetate	Ave	0.6190	0.4866		31.4	40.0	-21.4	50.0
Methylcyclohexane	Ave	0.4858	0.4398		18.1	20.0	-9.5	50.0
Trichloroethylene	Ave	0.2921	0.2829		19.4	20.0	-3.1	50.0
n-Butanol	Ave	0.0107	0.0085		1200	1500	-20.1	50.0
Dibromomethane	Ave	0.1792	0.1727		19.3	20.0	-3.6	50.0
1,2-Dichloropropane	Ave	0.2990	0.2842		19.0	20.0	-5.0	20.0
Ethyl acrylate	Ave	0.4412	0.3391		15.4	20.0	-23.1	50.0
Bromodichloromethane	Ave	0.3785	0.3304		17.5	20.0	-12.7	50.0
Methyl methacrylate	Ave	0.0969	0.0752		15.5	20.0	-22.4	50.0
1,4-Dioxane	Ave	0.0046	0.0048		155	150	3.1	50.0
Propyl acetate	Ave	0.4967	0.3750		15.1	20.0	-24.5	50.0
2-Chloroethyl vinyl ether	Ave	0.1924	0.1665		17.3	20.0	-13.5	50.0
cis-1,3-Dichloropropene	Ave	0.6472	0.5540		17.1	20.0	-14.4	50.0
Toluene	Ave	1.675	1.601		19.1	20.0	-4.4	20.0
Epichlorohydrin	Ave	0.0449	0.0387		345	400	-13.7	50.0
Tetrachloroethylene	Ave	0.3928	0.3639		18.5	20.0	-7.4	50.0
4-Methyl-2-pantanone	Ave	0.4490	0.3387		15.1	20.0	-24.6	50.0
trans-1,3-Dichloropropene	Ave	0.6052	0.4936		16.3	20.0	-18.4	50.0
1,1,2-Trichloroethane	Ave	0.2973	0.2757		18.5	20.0	-7.3	50.0
Ethyl methacrylate	Ave	0.4672	0.3439		14.7	20.0	-26.4	50.0
Dibromochloromethane	Ave	0.3887	0.3056		15.7	20.0	-21.4	50.0
1,3-Dichloropropane	Ave	0.6206	0.5876		18.9	20.0	-5.3	50.0
1,2-Dibromoethane	Ave	0.3680	0.3385		18.4	20.0	-8.0	50.0
Butyl acetate	Ave	0.1312	0.0907		27.7	40.0	-30.8	50.0
2-Hexanone	Ave	0.3238	0.2469		15.2	20.0	-23.8	50.0
Chlorobenzene	Ave	1.102	1.051	0.3000	19.1	20.0	-4.6	50.0
Ethylbenzene	Ave	0.5994	0.5488		18.3	20.0	-8.4	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3859	0.3169		16.4	20.0	-17.9	50.0
m&p-Xylene	Ave	0.7341	0.6813		37.1	40.0	-7.2	50.0
o-Xylene	Ave	0.7165	0.6716		18.7	20.0	-6.3	50.0
Bromoform	Ave	0.2757	0.1984	0.1000	14.4	20.0	-28.1	50.0
Styrene	Ave	1.257	1.166		18.6	20.0	-7.2	50.0
Butyl acrylate	Ave	0.3522	0.2561		14.5	20.0	-27.3	50.0
Isopropylbenzene	Ave	1.869	1.778		19.0	20.0	-4.9	50.0
Monobromobenzene	Ave	0.8964	0.8302		18.5	20.0	-7.4	50.0
N-Propylbenzene	Ave	4.211	3.906		18.6	20.0	-7.2	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Lab Sample ID: CCVIS 460-128358/2 Calibration Date: 09/18/2012 21:10
Instrument ID: VOAMS13 Calib Start Date: 09/11/2012 21:33
GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 09/11/2012 23:34
Lab File ID: p61659.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1,2,2-Tetrachloroethane	Ave	0.9176	0.8031	0.3000	17.5	20.0	-12.5	50.0
2-Chlorotoluene	Ave	2.936	2.697		18.4	20.0	-8.1	50.0
1,2,3-Trichloropropane	Ave	0.2856	0.2501		17.5	20.0	-12.4	50.0
1,3,5-Trimethylbenzene	Ave	3.032	2.766		18.2	20.0	-8.8	50.0
trans-1,4-Dichloro-2-butene	Ave	0.2985	0.2239		15.0	20.0	-25.0	50.0
4-Chlorotoluene	Ave	2.720	2.509		18.5	20.0	-7.7	50.0
tert-Butylbenzene	Ave	2.557	2.323		18.2	20.0	-9.1	50.0
Butyl Methacrylate	Ave	1.212	0.9161		15.1	20.0	-24.4	50.0
1,2,4-Trimethylbenzene	Ave	3.137	2.925		18.7	20.0	-6.7	50.0
sec-Butylbenzene	Ave	3.730	3.535		19.0	20.0	-5.2	50.0
1,3-Dichlorobenzene	Ave	1.738	1.644		18.9	20.0	-5.4	50.0
p-Isopropyltoluene	Ave	3.248	2.997		18.5	20.0	-7.7	50.0
1,4-Dichlorobenzene	Ave	1.782	1.693		19.0	20.0	-5.0	50.0
Indan	Ave	1.326	1.241		18.7	20.0	-6.4	50.0
Benzyl chloride	Ave	2.821	1.936		13.7	20.0	-31.4	50.0
n-Butylbenzene	Ave	2.972	2.925		19.7	20.0	-1.6	50.0
1,2-Dichlorobenzene	Ave	1.697	1.603		18.9	20.0	-5.6	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1925	0.1410		14.6	20.0	-26.8	50.0
1,2,4-Trichlorobenzene	Ave	1.230	1.180		19.2	20.0	-4.1	50.0
Hexachlorobutadiene	Ave	0.4427	0.4076		18.4	20.0	-7.9	50.0
Naphthalene	Ave	3.312	3.144		19.0	20.0	-5.1	50.0
1,2,3-Trichlorobenzene	Ave	1.122	1.091		19.4	20.0	-2.8	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.1635	0.1359		41.6	50.0	-16.9	50.0
Toluene-d8 (Surr)	Ave	0.8003	0.6827		42.7	50.0	-14.7	50.0
Bromofluorobenzene	Ave	0.7623	0.7509		49.3	50.0	-1.5	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44405-1

SDG No.:

Lab Sample ID: CCVIS 460-128032/2 Calibration Date: 09/15/2012 10:56

Instrument ID: VOAMS5 Calib Start Date: 09/04/2012 10:21

GC Column: Rtx-VMS ID: 0.18 (mm) Calib End Date: 09/04/2012 12:18

Lab File ID: e07799.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2578	0.1902		14.8	20.0	-26.2	50.0
Chloromethane	Ave	0.3561	0.4292	0.1000	24.1	20.0	20.5	50.0
Vinyl chloride	Ave	0.3030	0.3316		21.9	20.0	9.4	20.0
Bromomethane	LinF	0.1099	0.1448		18.8	20.0	-6.2	50.0
Chloroethane	Ave	0.1902	0.1671		17.6	20.0	-12.2	50.0
n-Pentane	Ave	0.0468	0.0418		35.7	40.0	-10.8	50.0
Trichlorofluoromethane	Ave	0.3541	0.3240		18.3	20.0	-8.5	50.0
Isopropene	Ave	0.4351	0.4043		18.6	20.0	-7.1	50.0
Ethyl ether	Ave	0.1947	0.2070		21.3	20.0	6.3	50.0
Ethanol	Ave	0.0014	0.0016		3440	3000	14.8	50.0
1,1-Dichloroethene	Ave	0.1798	0.1721		19.1	20.0	-4.3	20.0
Carbon disulfide	Ave	0.7950	0.7165		18.0	20.0	-9.9	50.0
Freon TF	Ave	0.2229	0.1960		17.6	20.0	-12.1	50.0
Iodomethane	Ave	0.3281	0.2387		14.5	20.0	-27.3	50.0
Acrolein	Ave	0.0353	0.0336		38.0	40.0	-4.9	99.0
Methylene Chloride	Ave	0.2677	0.2538		19.0	20.0	-5.2	50.0
Acetone	Ave	0.0220	0.0289		26.2	20.0	31.1	50.0
trans-1,2-Dichloroethene	Ave	0.2354	0.2097		17.8	20.0	-10.9	50.0
Methyl acetate	Ave	0.0479	0.0463		19.3	20.0	-3.4	50.0
Hexane	Ave	0.0699	0.0559		16.0	20.0	-20.0	50.0
MTBE	Ave	0.7780	0.7185		18.5	20.0	-7.7	50.0
TBA	Ave	0.0251	0.0221		351	400	-12.2	50.0
Acetonitrile	Ave	0.0044	0.0053		474	400	18.6	50.0
DIPE	Ave	0.9502	1.132		23.8	20.0	19.1	50.0
1,1-Dichloroethane	Ave	0.4825	0.4963	0.1000	20.6	20.0	2.9	50.0
Acrylonitrile	Ave	0.0877	0.1000		22.8	20.0	14.0	50.0
Tert-butyl ethyl ether	Ave	0.8777	0.8603	0.0100	19.6	20.0	-2.0	50.0
Vinyl acetate	Ave	0.5112	0.6011		47.0	40.0	17.6	50.0
cis-1,2-Dichloroethene	Ave	0.2651	0.2435		18.4	20.0	-8.1	50.0
2,2-Dichloropropane	Ave	0.3790	0.3564		18.8	20.0	-6.0	50.0
Bromochloromethane	Ave	0.1351	0.1176		17.4	20.0	-12.9	50.0
Cyclohexane	Ave	0.4101	0.4493		21.9	20.0	9.6	50.0
Chloroform	Ave	0.4484	0.4333		19.3	20.0	-3.4	20.0
Carbon tetrachloride	Ave	0.3390	0.2896		17.1	20.0	-14.6	50.0
Ethyl acetate	Ave	0.0249	0.0250		40.1	40.0	0.3	50.0
Methyl acrylate	Ave	0.2035	0.2242		22.0	20.0	10.2	50.0
Tetrahydrofuran	Ave	0.1207	0.1356		22.5	20.0	12.3	50.0
1,1,1-Trichloroethane	Ave	0.3983	0.3536		17.8	20.0	-11.2	50.0
2-Butanone	Ave	0.0370	0.0443		24.0	20.0	19.9	50.0
1,1-Dichloropropene	Ave	0.3685	0.3745		20.3	20.0	1.6	50.0
Benzene	Ave	1.123	1.264		22.5	20.0	12.6	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44405-1

SDG No.:

Lab Sample ID: CCVIS 460-128032/2 Calibration Date: 09/15/2012 10:56

Instrument ID: VOAMS5 Calib Start Date: 09/04/2012 10:21

GC Column: Rtx-VMS ID: 0.18 (mm) Calib End Date: 09/04/2012 12:18

Lab File ID: e07799.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
n-Heptane	LinF	0.1470	0.1421		22.6	20.0	13.2	50.0
Propionitrile	Ave	0.0337	0.0355		42.1	40.0	5.2	50.0
Methacrylonitrile	Ave	0.0887	0.0938		42.3	40.0	5.7	50.0
Tert-amyl methyl ether	Ave	0.7348	0.7243		19.7	20.0	-1.4	50.0
1,2-Dichloroethane	Ave	0.3714	0.3531		19.0	20.0	-4.9	50.0
2,4,4-Trimethyl-1-pentene	Ave	0.0787	0.0660		33.5	40.0	-16.1	50.0
Isopropyl acetate	Ave	0.4804	0.5337		44.4	40.0	11.1	50.0
Methylcyclohexane	Ave	0.3899	0.3584		18.4	20.0	-8.1	50.0
Trichloroethene	Ave	0.2645	0.2441		18.5	20.0	-7.7	50.0
Dibromomethane	Ave	0.1565	0.1499		19.2	20.0	-4.2	50.0
1,2-Dichloropropane	Ave	0.2610	0.2846		21.8	20.0	9.1	20.0
Bromodichloromethane	Ave	0.3563	0.3275		18.4	20.0	-8.1	50.0
Ethyl acrylate	Ave	0.3213	0.3472		21.6	20.0	8.0	50.0
Methyl methacrylate	Ave	0.0685	0.0631		18.4	20.0	-7.9	50.0
1,4-Dioxane	Ave	0.0027	0.0025		141	150	-6.2	50.0
Propyl acetate	Ave	0.3503	0.4166		23.8	20.0	18.9	50.0
2-Chloroethyl vinyl ether	Ave	0.1495	0.1685		22.5	20.0	12.7	50.0
cis-1,3-Dichloropropene	Ave	0.5018	0.5472		21.8	20.0	9.1	50.0
Toluene	Ave	1.306	1.427		21.9	20.0	9.3	20.0
Epichlorohydrin	Ave	0.0268	0.0296		441	400	10.4	50.0
Tetrachloroethene	Ave	0.3576	0.3304		18.5	20.0	-7.6	50.0
4-Methyl-2-pantanone	Ave	0.2787	0.3757		27.0	20.0	34.8	50.0
trans-1,3-Dichloropropene	Ave	0.4737	0.4925		20.8	20.0	4.0	50.0
1,1,2-Trichloroethane	Ave	0.2183	0.2286		20.9	20.0	4.7	50.0
Ethyl methacrylate	Ave	0.3446	0.3500		20.3	20.0	1.6	50.0
Dibromochloromethane	Ave	0.3304	0.3022		18.3	20.0	-8.5	50.0
1,3-Dichloropropane	Ave	0.4720	0.5155		21.8	20.0	9.2	50.0
1,2-Dibromoethane	Ave	0.2773	0.2738		19.7	20.0	-1.3	50.0
Butyl acetate	Ave	0.0763	0.0864		45.3	40.0	13.2	50.0
2-Hexanone	Ave	0.2132	0.3079		28.9	20.0	44.4	50.0
Chlorobenzene	Ave	0.9303	0.9236	0.3000	19.9	20.0	-0.7	50.0
Ethylbenzene	Ave	0.4838	0.5000		20.7	20.0	3.4	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3356	0.3077		18.3	20.0	-8.3	50.0
m&p-Xylene	Ave	0.6193	0.6375		41.2	40.0	2.9	50.0
o-Xylene	Ave	0.6097	0.6259		20.5	20.0	2.7	50.0
Bromoform	Ave	0.2503	0.2110	0.1000	16.9	20.0	-15.7	50.0
Styrene	Ave	1.050	1.074		20.4	20.0	2.2	50.0
Butyl acrylate	Ave	0.2381	0.2641		22.2	20.0	10.9	50.0
Isopropylbenzene	Ave	1.577	1.587		20.1	20.0	0.6	50.0
Camphe, Total	Ave	0.1134	0.1195		21.1	20.0	5.4	50.0
Amyl acetate	Ave	0.5804	0.7894		27.2	20.0	36.0	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Lab Sample ID: CCVIS 460-128032/2 Calibration Date: 09/15/2012 10:56
Instrument ID: VOAMS5 Calib Start Date: 09/04/2012 10:21
GC Column: Rtx-VMS ID: 0.18 (mm) Calib End Date: 09/04/2012 12:18
Lab File ID: e07799.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Monobromobenzene	Ave	0.7550	0.7223		19.1	20.0	-4.3	50.0
N-Propylbenzene	Ave	3.019	3.294		21.8	20.0	9.1	50.0
1,1,2,2-Tetrachloroethane	Ave	0.5649	0.6546	0.3000	23.2	20.0	15.9	50.0
2-Chlorotoluene	Ave	2.166	2.295		21.2	20.0	6.0	50.0
1,2,3-Trichloropropane	Ave	0.1894	0.1883		19.9	20.0	-0.6	50.0
1,3,5-Trimethylbenzene	Ave	2.232	2.321		20.8	20.0	4.0	50.0
trans-1,4-Dichloro-2-butene	Ave	0.1916	0.2243		23.4	20.0	17.1	50.0
4-Chlorotoluene	Ave	2.040	2.197		21.5	20.0	7.7	50.0
tert-Butylbenzene	Ave	1.851	1.886		20.4	20.0	1.9	50.0
1,2,4-Trimethylbenzene	Ave	2.304	2.438		21.2	20.0	5.8	50.0
Butyl Methacrylate	Ave	0.7726	0.8630		22.3	20.0	11.7	50.0
sec-Butylbenzene	Ave	2.520	2.644		21.0	20.0	4.9	50.0
1,3-Dichlorobenzene	Ave	1.375	1.352		19.7	20.0	-1.7	50.0
p-Isopropyltoluene	Ave	2.285	2.314		20.3	20.0	1.3	50.0
1,4-Dichlorobenzene	Ave	1.424	1.391		19.5	20.0	-2.3	50.0
2-Octanone	Ave	0.8612	1.152		26.8	20.0	33.8	50.0
Benzyl chloride	LinF	1.520	1.713		26.2	20.0	30.8	50.0
n-Butylbenzene	Ave	1.911	2.050		21.5	20.0	7.3	50.0
1,2-Dichlorobenzene	Ave	1.313	1.301		19.8	20.0	-1.0	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1137	0.1245		21.9	20.0	9.5	50.0
1,2,4-Trichlorobenzene	LinF	0.8882	0.7469		18.8	20.0	-5.8	50.0
Hexachlorobutadiene	LinF	0.3885	0.3150		18.7	20.0	-6.5	50.0
Camphor	LinF	0.0649	0.0706		111	100	11.4	50.0
Naphthalene	LinF	1.774	1.723		21.7	20.0	8.4	50.0
1,2,3-Trichlorobenzene	LinF	0.7564	0.6241		19.1	20.0	-4.6	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3048	0.2678		43.9	50.0	-12.2	50.0
Toluene-d8 (Surr)	Ave	1.135	1.140		50.2	50.0	0.4	50.0
Bromofluorobenzene	Ave	0.8191	0.7524		45.9	50.0	-8.1	50.0

Data File: /chem/VOAMS13.i/8260_09/09-11-12/11sep12.b/p61352.d
Report Date: 11-Sep-2012 19:45

TestAmerica

Data file : /chem/VOAMS13.i/8260_09/09-11-12/11sep12.b/p61352.d
Lab Smp Id: BFB
Inj Date : 11-SEP-2012 19:36
Operator : VOAMS 1 Inst ID: VOAMS13.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/09-11-12/11sep12.b/VOABFB.m
Meth Date : 19-Oct-2011 19:35 ken Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

CONCENTRATIONS								
RT	EXP RT	(REL RT)	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
2.419	2.300	(0.000)	95	33199		0.00-	100.00	100.00
2.419	2.300	(0.000)	50	6104		15.00-	40.00	18.39
2.419	2.300	(0.000)	75	15143		30.00-	60.00	45.61
2.419	2.300	(0.000)	96	2183		5.00-	9.00	6.58
2.419	2.300	(0.000)	173	0		0.00-	2.00	0.00
2.419	2.300	(0.000)	174	24373		50.00-	100.00	73.41
2.419	2.300	(0.000)	175	1826		5.00-	9.00	7.49
2.419	2.300	(0.000)	176	23626		95.00-	101.00	96.94
2.419	2.300	(0.000)	177	1540		5.00-	9.00	6.52

Data File: p61352.d

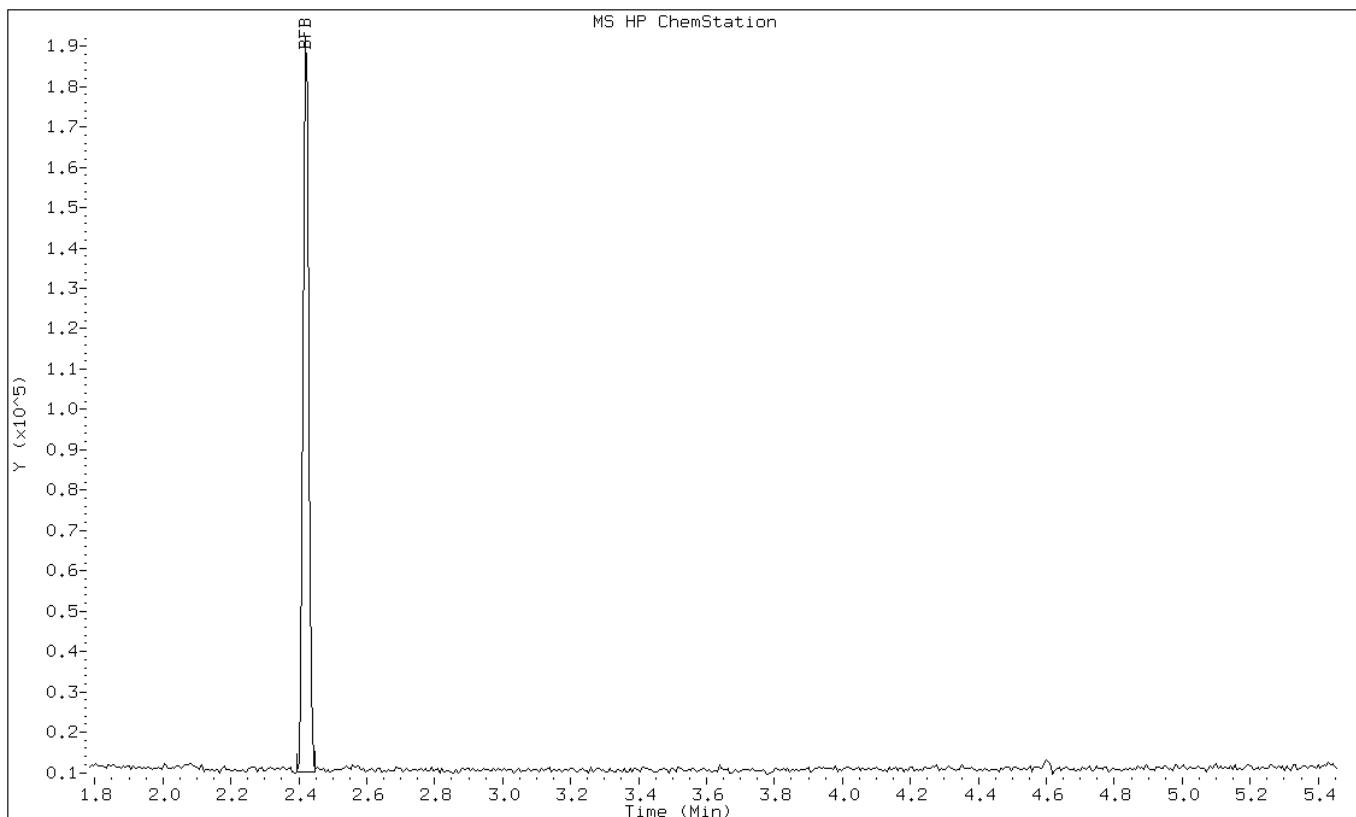
Date: 11-SEP-2012 19:36

Client ID:

Instrument: VOAMS13.i

Sample Info: BFB

Operator: VOAMS 1



Data File: p61352.d

Date: 11-SEP-2012 19:36

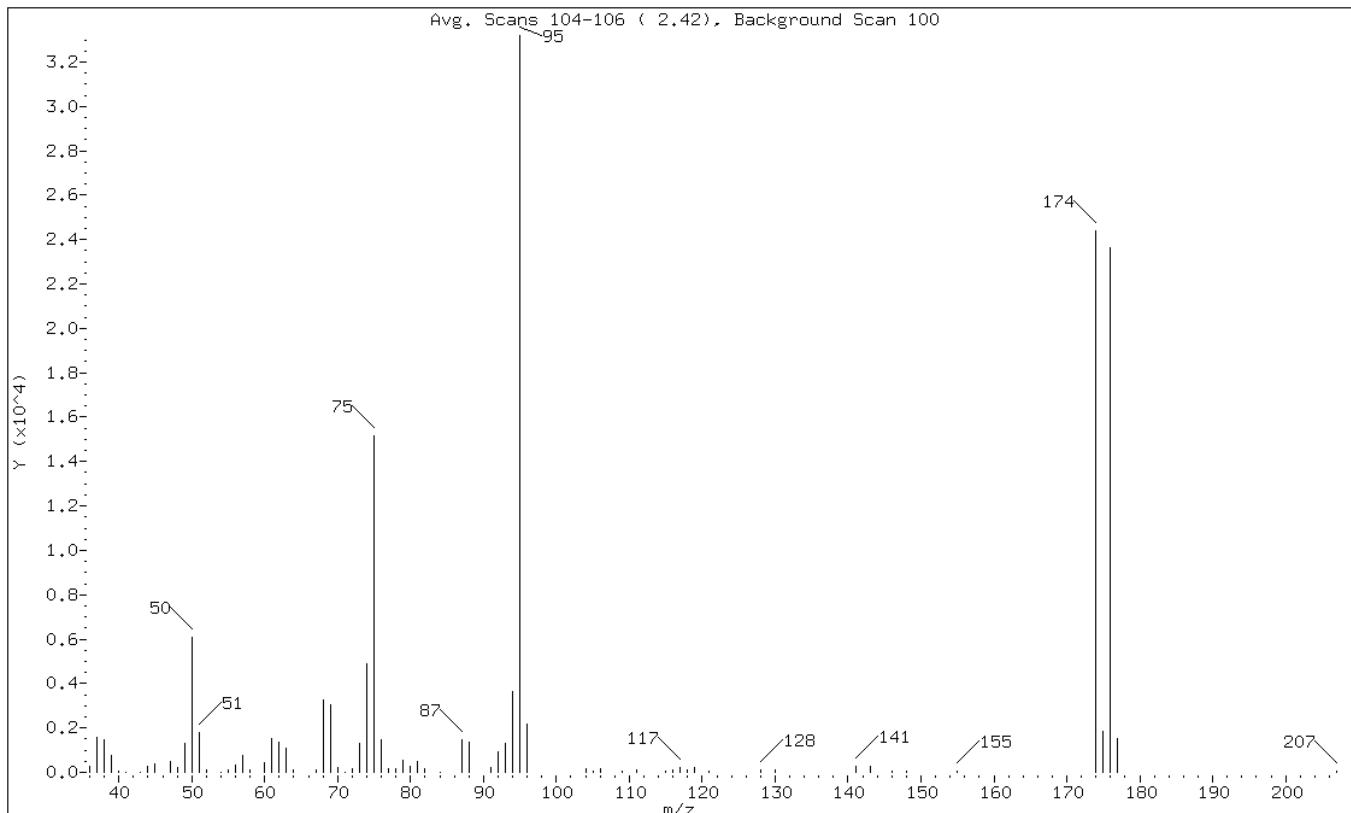
Client ID:

Instrument: VOAMS13.i

Sample Info: BFB

Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	18.39
75	30.00 - 60.00% of mass 95	45.61
96	5.00 - 9.00% of mass 95	6.58
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	73.41
175	5.00 - 9.00% of mass 174	5.50 (7.49)
176	95.00 - 101.00% of mass 174	71.16 (96.94)
177	5.00 - 9.00% of mass 176	4.64 (6.52)

Data File: p61352.d

Date: 11-SEP-2012 19:36

Client ID:

Instrument: VOAMS13.i

Sample Info: BFB

Operator: VOAMS 1

Data File: /chem/VOAMS13.i/8260_09/09-11-12/11sep12.b/p61352.d

Spectrum: Avg. Scans 104-106 (2.42), Background Scan 100

Location of Maximum: 95.00

Number of points: 73

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	287	58.00	82	80.00	257	117.00	241
37.00	1601	60.00	419	81.00	509	118.00	119
38.00	1451	61.00	1522	82.00	139	119.00	191
39.00	734	62.00	1343	84.00	11	121.00	35
40.00	42	63.00	1084	87.00	1440	128.00	95
41.00	1	64.00	94	88.00	1352	130.00	90
43.00	12	67.00	131	91.00	215	141.00	285
44.00	291	68.00	3271	92.00	933	143.00	261
45.00	369	69.00	3022	93.00	1328	146.00	39
47.00	464	70.00	230	94.00	3655	148.00	37
48.00	196	71.00	20	95.00	33192	155.00	44
49.00	1290	72.00	177	96.00	2183	174.00	24368
50.00	6104	73.00	1321	104.00	149	175.00	1826
51.00	1768	74.00	4874	105.00	45	176.00	23624
52.00	119	75.00	15143	106.00	140	177.00	1540
54.00	7	76.00	1467	109.00	56	207.00	52
55.00	101	77.00	178	111.00	83		
56.00	329	78.00	184	115.00	39		
57.00	749	79.00	560	116.00	100		

Data File: /chem/VOAMS13.i/8260_09/09-11-12/18sep12a.b/p61657.d
Report Date: 18-Sep-2012 21:04

TestAmerica

Data file : /chem/VOAMS13.i/8260_09/09-11-12/18sep12a.b/p61657.d
Lab Smp Id: BFB
Inj Date : 18-SEP-2012 20:26
Operator : VOAMS 1 Inst ID: VOAMS13.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/09-11-12/18sep12a.b/VOABFB.m
Meth Date : 19-Oct-2011 19:35 ken Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

CONCENTRATIONS							
RT	EXP RT (REL RT)	MASS	RESPONSE (ug/L)	ON-COL (ug/L)	FINAL	TARGET RANGE	RATIO
==	=====	====	=====	=====	=====	=====	=====
1 BFB					CAS #: 460-00-4		
2.425	2.300 (0.000)	95	24229		0.00- 100.00	100.00	
2.425	2.300 (0.000)	50	4147		15.00- 40.00	17.12	
2.425	2.300 (0.000)	75	11426		30.00- 60.00	47.16	
2.425	2.300 (0.000)	96	1725		5.00- 9.00	7.12	
2.425	2.300 (0.000)	173	224		0.00- 2.00	1.22	
2.425	2.300 (0.000)	174	18411		50.00- 100.00	75.99	
2.425	2.300 (0.000)	175	1361		5.00- 9.00	7.39	
2.425	2.300 (0.000)	176	17976		95.00- 101.00	97.64	
2.425	2.300 (0.000)	177	1240		5.00- 9.00	6.90	

Data File: p61657.d

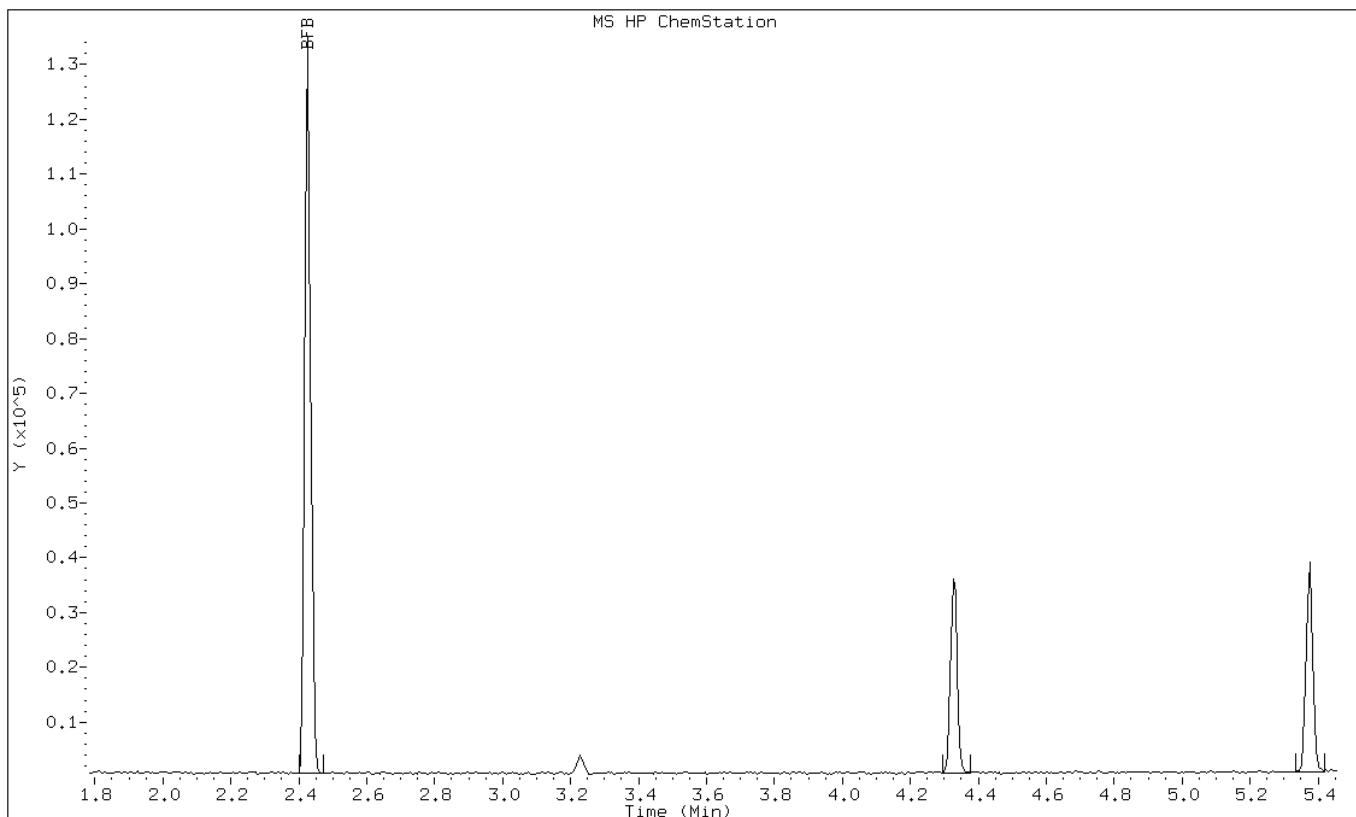
Date: 18-SEP-2012 20:26

Client ID:

Instrument: VOAMS13.i

Sample Info: BFB

Operator: VOAMS 1



Data File: p61657.d

Date: 18-SEP-2012 20:26

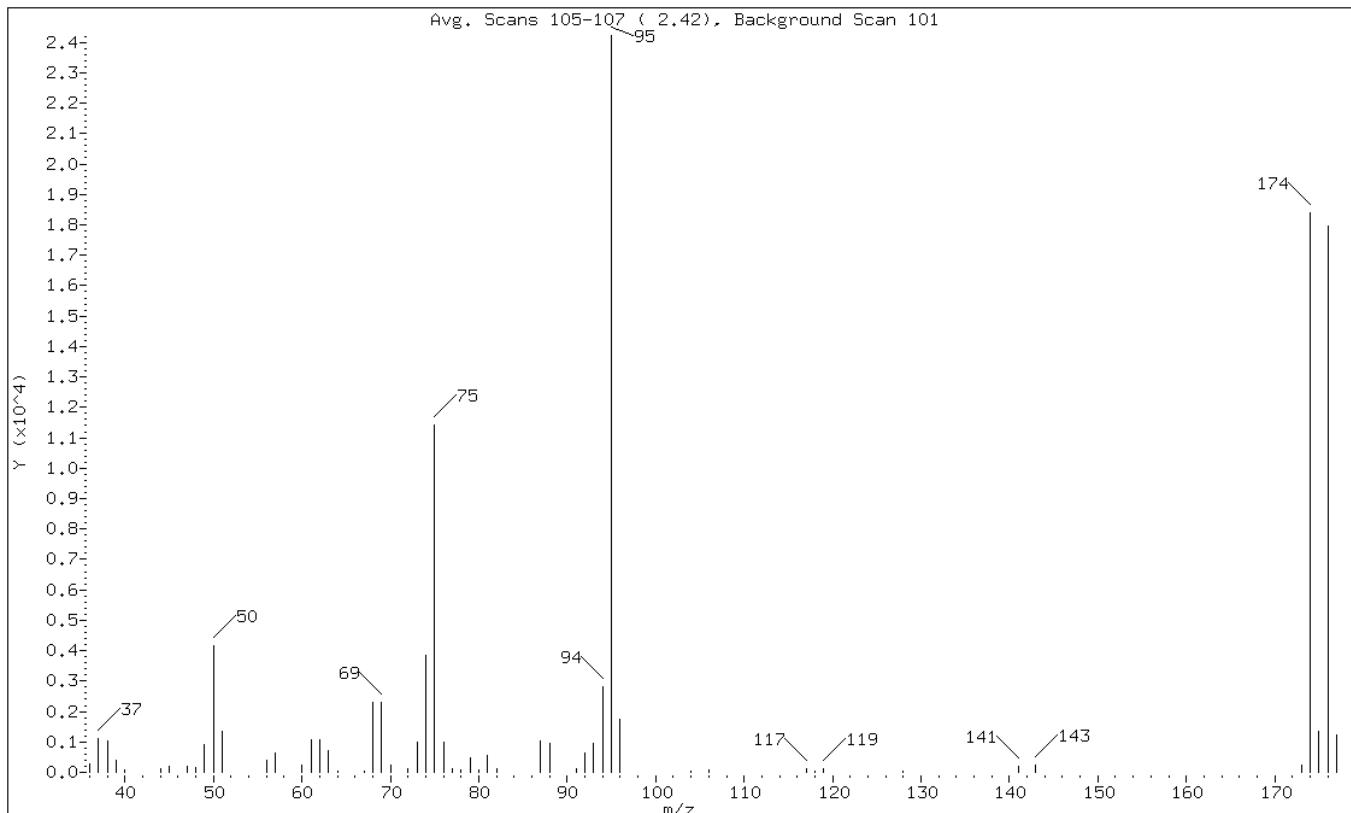
Client ID:

Instrument: VOAMS13.i

Sample Info: BFB

Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	17.12
75	30.00 - 60.00% of mass 95	47.16
96	5.00 - 9.00% of mass 95	7.12
173	Less than 2.00% of mass 174	0.92 (1.22)
174	50.00 - 100.00% of mass 95	75.99
175	5.00 - 9.00% of mass 174	5.62 (7.39)
176	95.00 - 101.00% of mass 174	74.19 (97.64)
177	5.00 - 9.00% of mass 176	5.12 (6.90)

Data File: p61657.d

Date: 18-SEP-2012 20:26

Client ID:

Instrument: VOAMS13.i

Sample Info: BFB

Operator: VOAMS 1

Data File: /chem/VOAMS13.i/8260_09/09-11-12/18sep12a.b/p61657.d

Spectrum: Avg. Scans 105-107 (2.42), Background Scan 101

Location of Maximum: 95.00

Number of points: 55

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	265	60.00	246	77.00	120	104.00	43
37.00	1102	61.00	1071	78.00	85	106.00	78
38.00	1015	62.00	1057	79.00	482	117.00	106
39.00	391	63.00	726	80.00	89	118.00	40
40.00	79	64.00	40	81.00	560	119.00	113
44.00	135	67.00	35	82.00	124	128.00	34
45.00	214	68.00	2294	87.00	1011	141.00	179
47.00	208	69.00	2297	88.00	955	143.00	221
48.00	153	70.00	226	91.00	113	173.00	224
49.00	924	72.00	111	92.00	620	174.00	18408
50.00	4147	73.00	998	93.00	933	175.00	1361
51.00	1364	74.00	3851	94.00	2826	176.00	17976
56.00	379	75.00	11426	95.00	24224	177.00	1240
57.00	640	76.00	999	96.00	1725		

Data File: /chem/VOAMS5.i/8260/09-04-12/04sep12.b/e07321.d
Report Date: 04-Sep-2012 09:26

TestAmerica

Data file : /chem/VOAMS5.i/8260/09-04-12/04sep12.b/e07321.d
Lab Smp Id: BFB
Inj Date : 04-SEP-2012 09:20
Operator : VOAMS 1 Inst ID: VOAMS5.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS5.i/8260/09-04-12/04sep12.b/VOABFB.m
Meth Date : 17-Feb-2012 01:17 ken Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

RT	EXP RT (REL RT)	MASS	CONCENTRATIONS		TARGET RANGE	RATIO
			ON-COL	FINAL		
2.352	2.300 (0.000)	95	120816		0.00- 100.00	100.00
2.352	2.300 (0.000)	50	23048		15.00- 40.00	19.08
2.352	2.300 (0.000)	75	63264		30.00- 60.00	52.36
2.352	2.300 (0.000)	96	7984		5.00- 9.00	6.61
2.352	2.300 (0.000)	173	596		0.00- 2.00	0.55
2.352	2.300 (0.000)	174	107408		50.00- 100.00	88.90
2.352	2.300 (0.000)	175	9572		5.00- 9.00	8.91
2.352	2.300 (0.000)	176	102680		95.00- 101.00	95.60
2.352	2.300 (0.000)	177	7114		5.00- 9.00	6.93

Data File: e07321.d

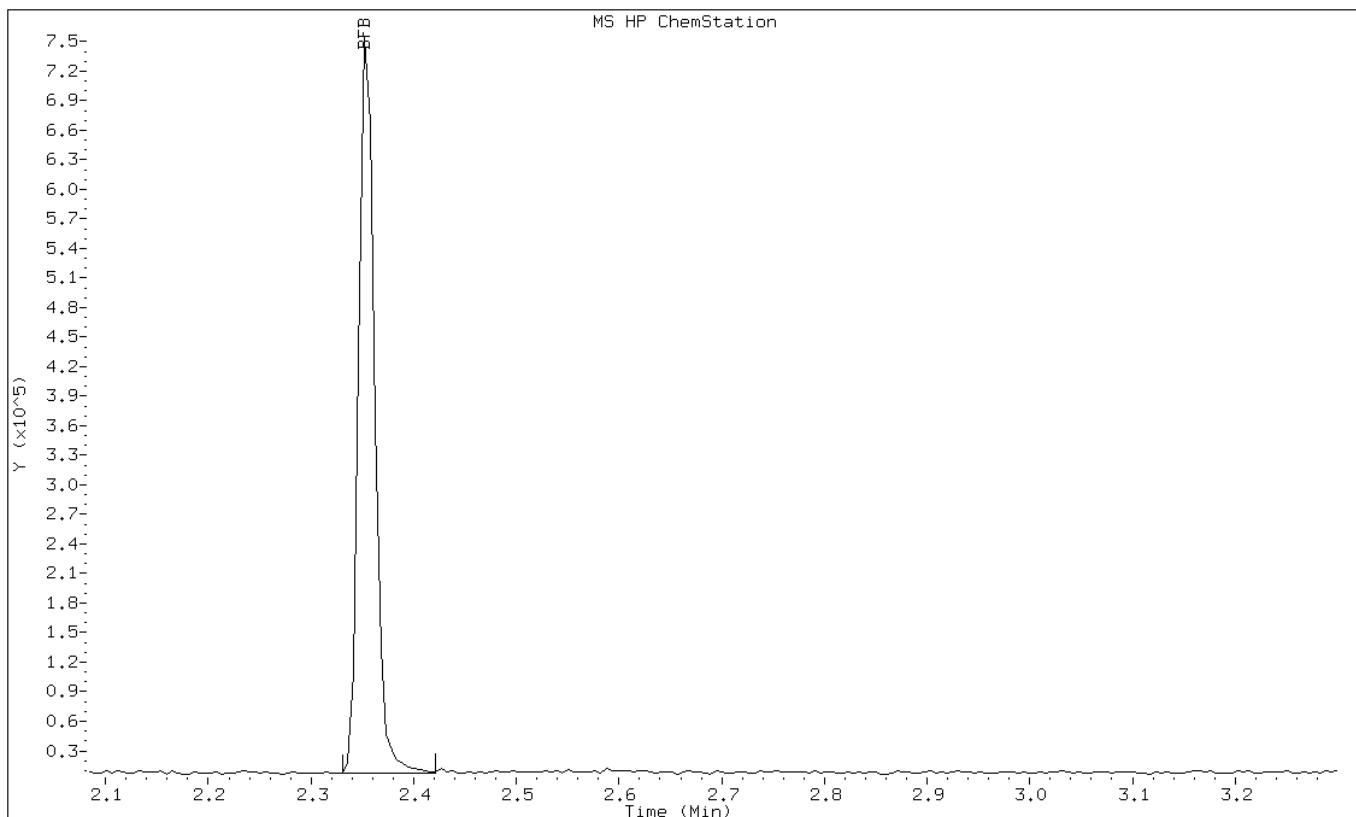
Date: 04-SEP-2012 09:20

Client ID:

Instrument: VOAMS5.i

Sample Info: BFB

Operator: VOAMS 1



Data File: e07321.d

Date: 04-SEP-2012 09:20

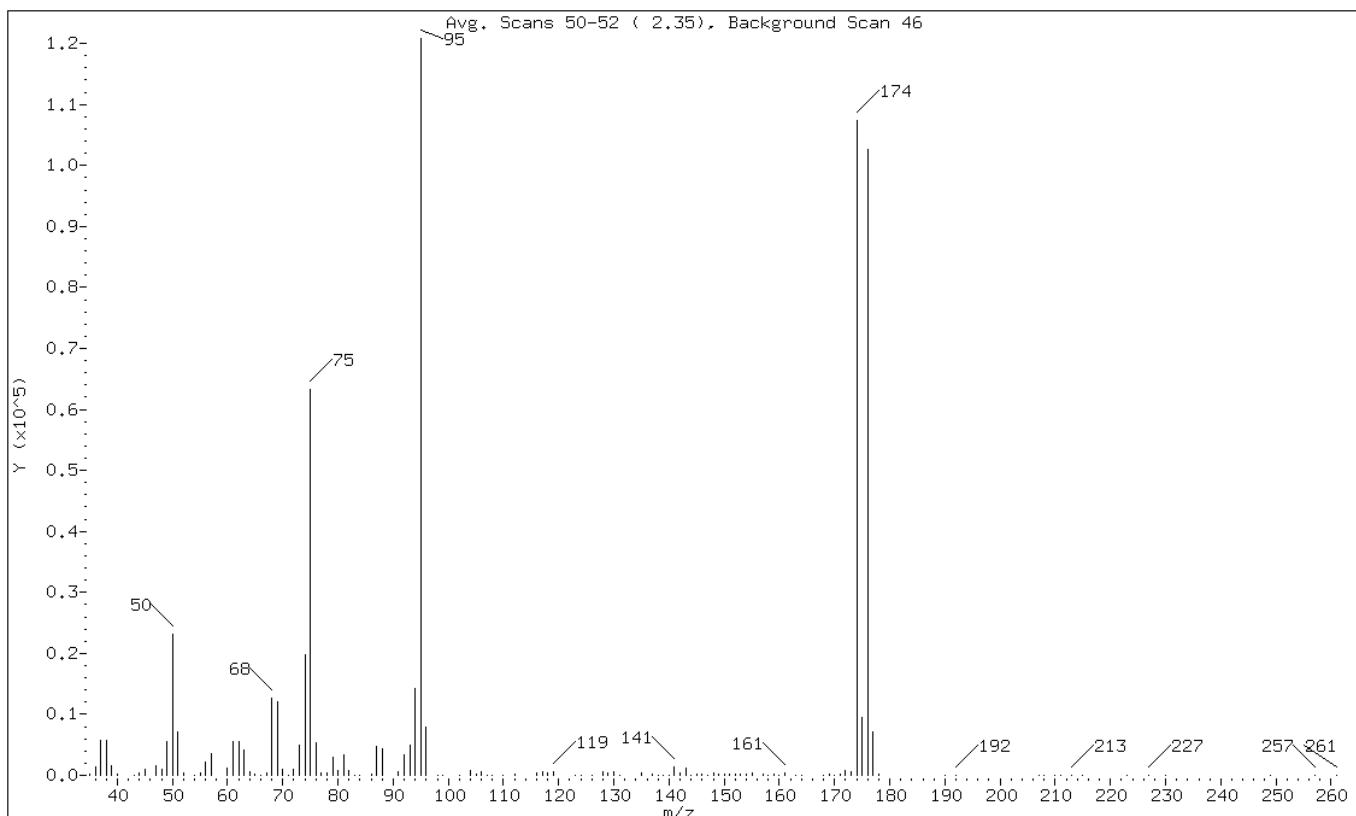
Client ID:

Instrument: VOAMS5.i

Sample Info: BFB

Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	19.08
75	30.00 - 60.00% of mass 95	52.36
96	5.00 - 9.00% of mass 95	6.61
173	Less than 2.00% of mass 174	0.49 (0.55)
174	50.00 - 100.00% of mass 95	88.90
175	5.00 - 9.00% of mass 174	7.92 (8.91)
176	95.00 - 101.00% of mass 174	84.99 (95.60)
177	5.00 - 9.00% of mass 176	5.89 (6.93)

Data File: e07321.d

Date: 04-SEP-2012 09:20

Client ID:

Instrument: VOAMS5.i

Sample Info: BFB

Operator: VOAMS 1

Data File: /chem/VOAMS5.i/8260/09-04-12/04sep12.b/e07321.d

Spectrum: Avg. Scans 50-52 (2.35), Background Scan 46

Location of Maximum: 95.00

Number of points: 126

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	144	73.00	4991	117.00	617	159.00	134
36.00	1301	74.00	19800	118.00	444	160.00	34
37.00	5760	75.00	63264	119.00	645	161.00	354
38.00	5655	76.00	5422	123.00	19	163.00	45
39.00	1650	77.00	472	124.00	80	164.00	65
40.00	221	78.00	414	126.00	36	168.00	42
43.00	65	79.00	3016	128.00	495	169.00	232
44.00	317	80.00	790	129.00	361	170.00	41
45.00	937	81.00	3318	130.00	616	171.00	248
47.00	1635	82.00	694	131.00	68	172.00	767
48.00	1063	83.00	46	135.00	345	173.00	596
49.00	5447	84.00	43	137.00	256	174.00	107408
50.00	23048	86.00	187	138.00	96	175.00	9572
51.00	7034	87.00	4681	139.00	76	176.00	102680
52.00	423	88.00	4416	140.00	34	177.00	7114
54.00	44	91.00	540	141.00	1332	178.00	233
55.00	407	92.00	3374	142.00	333	190.00	35
56.00	2100	93.00	4889	143.00	1259	192.00	82
57.00	3568	94.00	14295	144.00	79	207.00	77
60.00	1240	95.00	120816	145.00	122	208.00	46
61.00	5546	96.00	7984	146.00	168	210.00	38
62.00	5560	98.00	88	147.00	58	211.00	41
63.00	4059	99.00	58	148.00	323	213.00	91
64.00	510	102.00	68	149.00	217	215.00	74
65.00	150	104.00	703	150.00	158	223.00	34
66.00	42	105.00	253	151.00	130	227.00	39
67.00	443	106.00	519	152.00	188	230.00	39
68.00	12742	107.00	47	153.00	162	249.00	36
69.00	12156	108.00	56	154.00	148	257.00	54
70.00	945	110.00	39	155.00	345	261.00	42
71.00	39	112.00	185	157.00	212		
72.00	1068	116.00	403	158.00	36		

Data File: /chem/VOAMS5.i/8260/09-04-12/15sep12.b/e07798.d
Report Date: 15-Sep-2012 11:59

TestAmerica

Data file : /chem/VOAMS5.i/8260/09-04-12/15sep12.b/e07798.d
Lab Smp Id: BFB
Inj Date : 15-SEP-2012 10:10
Operator : VOAMS 1 Inst ID: VOAMS5.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS5.i/8260/09-04-12/15sep12.b/VOABFB.m
Meth Date : 17-Feb-2012 01:17 ken Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

CONCENTRATIONS							
RT	EXP RT (REL RT)	MASS	RESPONSE (ug/L)	ON-COL (ug/L)	FINAL	TARGET RANGE	RATIO
==	=====	====	=====	=====	=====	=====	=====
1 BFB					CAS #: 460-00-4		
2.352	2.300 (0.000)	95	285056		0.00- 100.00	100.00	
2.352	2.300 (0.000)	50	61256		15.00- 40.00	21.49	
2.352	2.300 (0.000)	75	148288		30.00- 60.00	52.02	
2.352	2.300 (0.000)	96	18504		5.00- 9.00	6.49	
2.352	2.300 (0.000)	173	1182		0.00- 2.00	0.51	
2.352	2.300 (0.000)	174	232576		50.00- 100.00	81.59	
2.352	2.300 (0.000)	175	18584		5.00- 9.00	7.99	
2.352	2.300 (0.000)	176	227584		95.00- 101.00	97.85	
2.352	2.300 (0.000)	177	15185		5.00- 9.00	6.67	

Data File: e07798.d

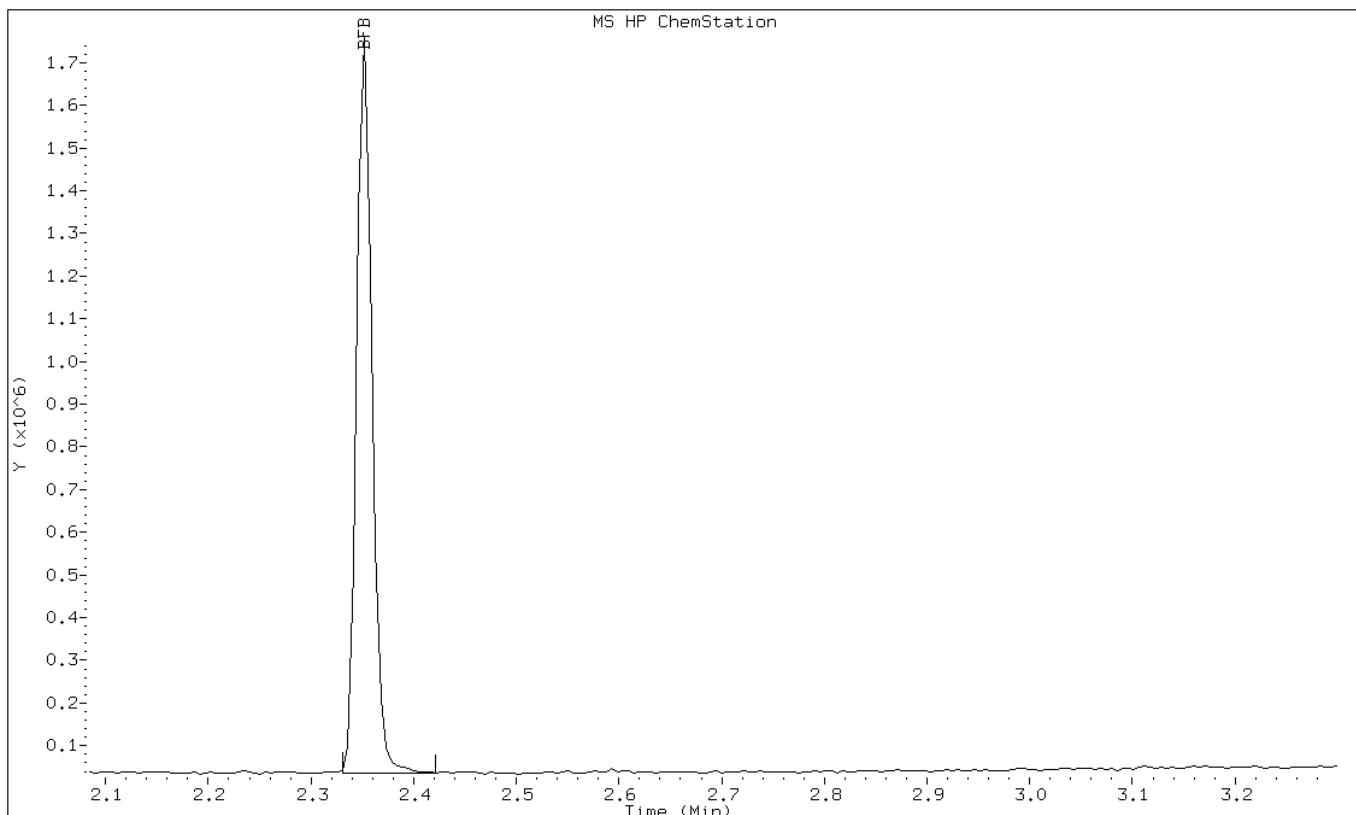
Date: 15-SEP-2012 10:10

Client ID:

Instrument: VOAMS5.i

Sample Info: BFB

Operator: VOAMS 1



Data File: e07798.d

Date: 15-SEP-2012 10:10

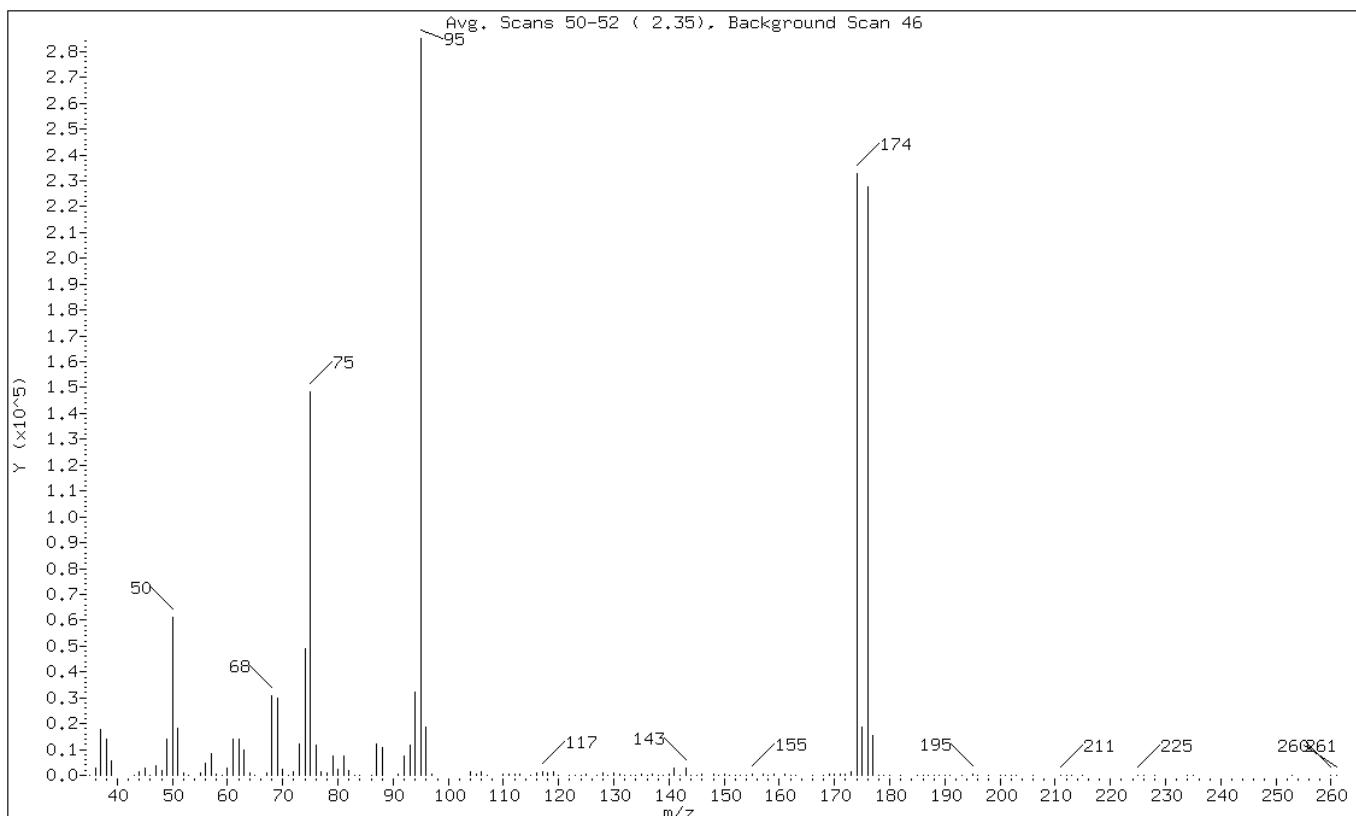
Client ID:

Instrument: VOAMS5.i

Sample Info: BFB

Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	21.49
75	30.00 - 60.00% of mass 95	52.02
96	5.00 - 9.00% of mass 95	6.49
173	Less than 2.00% of mass 174	0.41 (0.51)
174	50.00 - 100.00% of mass 95	81.59
175	5.00 - 9.00% of mass 174	6.52 (7.99)
176	95.00 - 101.00% of mass 174	79.84 (97.85)
177	5.00 - 9.00% of mass 176	5.33 (6.67)

Data File: e07798.d

Date: 15-SEP-2012 10:10

Client ID:

Instrument: VOAMS5.i

Sample Info: BFB

Operator: VOAMS 1

Data File: /chem/VOAMS5.i/8260/09-04-12/15sep12.b/e07798.d

Spectrum: Avg. Scans 50-52 (2.35), Background Scan 46

Location of Maximum: 95.00

Number of points: 150

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	65	78.00	905	130.00	941	174.00	232576
36.00	3011	79.00	7508	131.00	313	175.00	18584
37.00	17592	80.00	2144	132.00	48	176.00	227584
38.00	14159	81.00	7603	133.00	178	177.00	15185
39.00	5547	82.00	1882	134.00	103	178.00	50
43.00	51	83.00	175	135.00	508	179.00	76
44.00	1426	84.00	77	136.00	6	180.00	95
45.00	2691	86.00	88	137.00	357	182.00	125
46.00	67	87.00	12189	138.00	95	185.00	161
47.00	3853	88.00	10913	139.00	24	186.00	39
48.00	2094	91.00	670	140.00	369	187.00	76
49.00	13960	92.00	7634	141.00	2698	188.00	87
50.00	61256	93.00	11707	142.00	168	189.00	95
51.00	18032	94.00	32368	143.00	2847	190.00	82
52.00	805	95.00	285056	144.00	228	191.00	54
53.00	11	96.00	18504	145.00	222	193.00	83
55.00	821	97.00	269	146.00	377	195.00	270
56.00	4538	104.00	1182	148.00	519	196.00	8
57.00	8207	105.00	594	149.00	229	198.00	52
58.00	301	106.00	1188	150.00	458	200.00	97
59.00	185	107.00	119	151.00	134	201.00	42
60.00	2665	110.00	278	152.00	137	202.00	80
61.00	13881	111.00	242	153.00	187	203.00	49
62.00	14035	112.00	282	154.00	59	206.00	38
63.00	9992	113.00	274	155.00	678	211.00	100
64.00	748	115.00	220	157.00	544	212.00	34
65.00	163	116.00	746	158.00	45	213.00	84
67.00	1039	117.00	1628	159.00	289	215.00	34
68.00	31000	118.00	1084	161.00	385	225.00	53
69.00	29824	119.00	1242	162.00	97	226.00	39
70.00	2182	120.00	62	163.00	52	228.00	34
71.00	57	122.00	102	166.00	93	234.00	35
72.00	1326	123.00	84	168.00	208	235.00	35
73.00	12352	124.00	232	169.00	235	253.00	56
74.00	48992	125.00	240	170.00	325	260.00	110
75.00	148288	127.00	51	171.00	397	261.00	59
76.00	11526	128.00	1037	172.00	676		
77.00	1567	129.00	75	173.00	1182		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-128032/17
Matrix: Solid Lab File ID: e07804.d
Analysis Method: 8260B Date Collected: _____
Sample wt/vol: 2.5 (mL) Date Analyzed: 09/15/2012 13:24
Soil Aliquot Vol: 2.5 (mL) Dilution Factor: 50
Soil Extract Vol.: 5 (mL) GC Column: Rtx-VMS ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Medium
Analysis Batch No.: 128032 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	9.7	U	100	9.7
74-83-9	Bromomethane	18	U	100	18
75-01-4	Vinyl chloride	14	U	100	14
75-00-3	Chloroethane	17	U	100	17
75-09-2	Methylene Chloride	18	U	100	18
67-64-1	Acetone	270	U	500	270
75-15-0	Carbon disulfide	13	U	100	13
75-69-4	Trichlorofluoromethane	15	U	100	15
75-35-4	1,1-Dichloroethene	8.8	U	100	8.8
75-34-3	1,1-Dichloroethane	13	U	100	13
156-60-5	trans-1,2-Dichloroethene	13	U	100	13
156-59-2	cis-1,2-Dichloroethene	18	U	100	18
67-66-3	Chloroform	7.9	U	100	7.9
78-93-3	2-Butanone	230	U	500	230
107-06-2	1,2-Dichloroethane	19	U	100	19
71-55-6	1,1,1-Trichloroethane	6.2	U	100	6.2
56-23-5	Carbon tetrachloride	5.7	U	100	5.7
71-43-2	Benzene	8.3	U	100	8.3
75-25-2	Bromoform	19	U	100	19
100-42-5	Styrene	12	U	100	12
179601-23-1	m&p-Xylene	25	U	200	25
95-47-6	o-Xylene	13	U	100	13
100-41-4	Ethylbenzene	9.6	U	100	9.6
108-90-7	Chlorobenzene	11	U	100	11
110-82-7	Cyclohexane	16	U	100	16
98-82-8	Isopropylbenzene	7.7	U	100	7.7
591-78-6	2-Hexanone	50	U	500	50
1634-04-4	MTBE	14	U	100	14
76-13-1	Freon TF	8.2	U	100	8.2
79-20-9	Methyl acetate	34	U	200	34
123-91-1	1,4-Dioxane	3600	U	5000	3600
79-01-6	Trichloroethene	9.2	U	100	9.2
108-88-3	Toluene	15	U	100	15
10061-02-6	trans-1,3-Dichloropropene	24	U	100	24
108-10-1	4-Methyl-2-pentanone	99	U	500	99
10061-01-5	cis-1,3-Dichloropropene	18	U	100	18

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-128032/17
Matrix: Solid Lab File ID: e07804.d
Analysis Method: 8260B Date Collected: _____
Sample wt/vol: 2.5 (mL) Date Analyzed: 09/15/2012 13:24
Soil Aliquot Vol: 2.5 (mL) Dilution Factor: 50
Soil Extract Vol.: 5 (mL) GC Column: Rtx-VMS ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Medium
Analysis Batch No.: 128032 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	21	U	100	21
541-73-1	1,3-Dichlorobenzene	14	U	100	14
106-46-7	1,4-Dichlorobenzene	23	U	100	23
120-82-1	1,2,4-Trichlorobenzene	34	U	100	34
87-61-6	1,2,3-Trichlorobenzene	51	U	100	51
78-87-5	1,2-Dichloropropane	8.6	U	100	8.6
108-87-2	Methylcyclohexane	14	U	100	14
127-18-4	Tetrachloroethene	9.7	U	100	9.7
96-12-8	1,2-Dibromo-3-Chloropropane	40	U	100	40
79-34-5	1,1,2,2-Tetrachloroethane	16	U	100	16
79-00-5	1,1,2-Trichloroethane	19	U	100	19
124-48-1	Dibromochloromethane	20	U	100	20
106-93-4	1,2-Dibromoethane	28	U	100	28
75-71-8	Dichlorodifluoromethane	22	U	100	22
74-97-5	Bromochloromethane	27	U	100	27
75-27-4	Bromodichloromethane	13	U	100	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	85		75-135
2037-26-5	Toluene-d8 (Surr)	94		59-150
460-00-4	Bromofluorobenzene	87		72-133

Data File: /chem/VOAMS5.i/8260/09-04-12/15sep12.b/e07804.d
Report Date: 19-Sep-2012 13:41

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260/09-04-12/15sep12.b/e07804.d
Lab Smp Id: MB
Inj Date : 15-SEP-2012 13:24
Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS5.i/8260/09-04-12/15sep12.b/8260_09.m
Meth Date : 15-Sep-2012 12:01 audberto Quant Type: ISTD
Cal Date : 04-SEP-2012 12:18 Cal File: e07329.d
Als bottle: 6 QC Sample: BLANK
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS						
		MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/Kg)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.357	3.357 (0.934)			356374	42.5215	4200
* 52 Fluorobenzene	96	3.595	3.595 (1.000)			1374756	50.0000	
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107 (0.734)			1137331	46.7947	4700
* 78 Chlorobenzene-d5	117	6.954	6.954 (1.000)			1070709	50.0000	
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710 (0.832)			433352	43.5587	4400
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466 (1.000)			607277	50.0000	

Data File: e07804.d

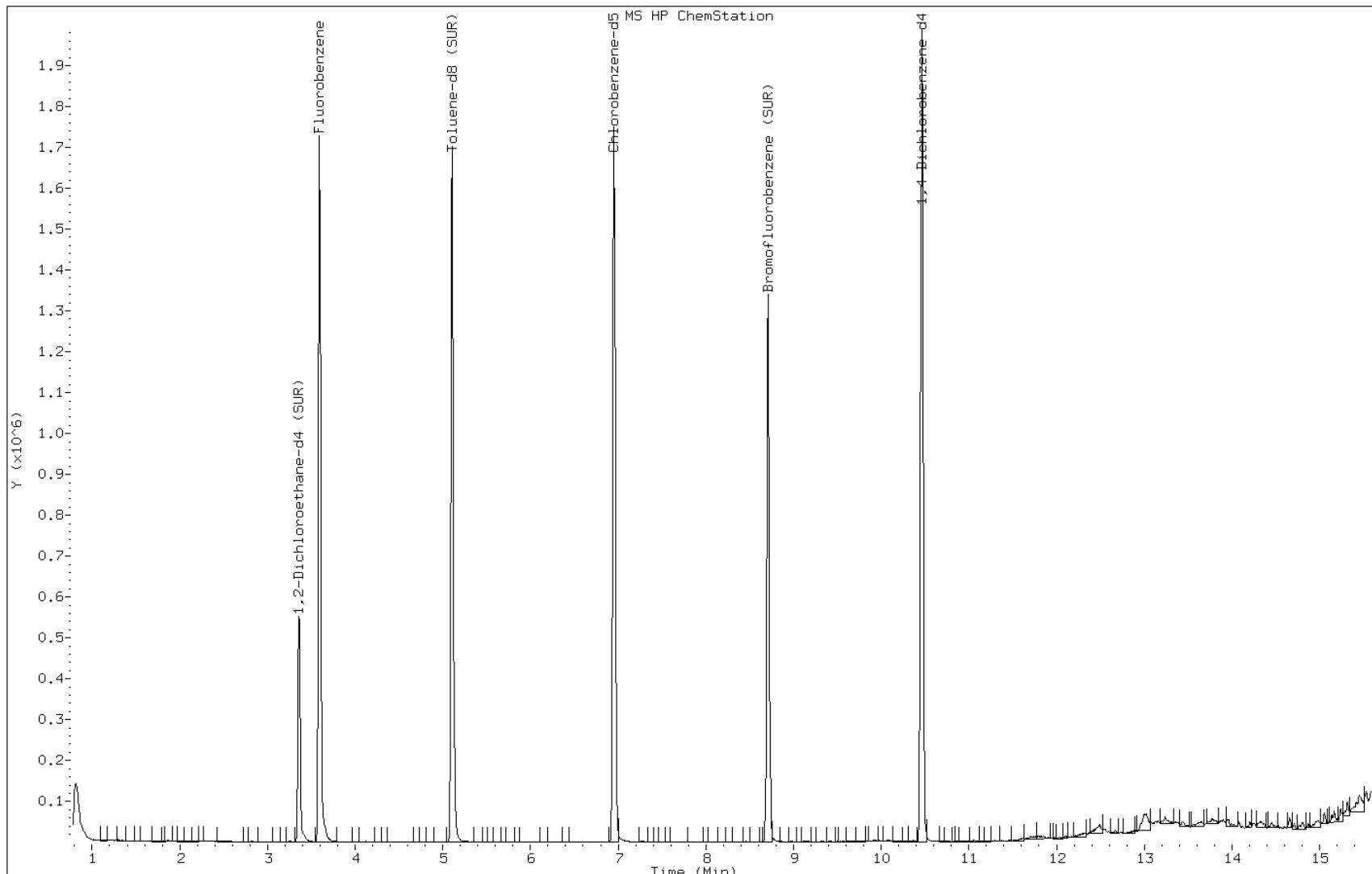
Date: 15-SEP-2012 13:24

Client ID:

Instrument: VOAMS5.i

Sample Info: MB

Operator: GC/MS VOAMS5



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44405-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-128358/3
 Matrix: Water Lab File ID: p61663.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 09/18/2012 22:47
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 128358 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.10	U	1.0	0.10
74-83-9	Bromomethane	0.18	U	1.0	0.18
75-01-4	Vinyl chloride	0.14	U	1.0	0.14
75-00-3	Chloroethane	0.17	U	1.0	0.17
75-09-2	Methylene Chloride	0.18	U	1.0	0.18
67-64-1	Acetone	2.7	U	5.0	2.7
75-15-0	Carbon disulfide	0.13	U	1.0	0.13
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.090	U	1.0	0.090
75-34-3	1,1-Dichloroethane	0.13	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.18	U	1.0	0.18
67-66-3	Chloroform	0.080	U	1.0	0.080
78-93-3	2-Butanone	2.3	U	5.0	2.3
107-06-2	1,2-Dichloroethane	0.19	U	1.0	0.19
71-55-6	1,1,1-Trichloroethane	0.060	U	1.0	0.060
56-23-5	Carbon tetrachloride	0.060	U	1.0	0.060
71-43-2	Benzene	0.080	U	1.0	0.080
75-25-2	Bromoform	0.19	U	1.0	0.19
100-42-5	Styrene	0.12	U	1.0	0.12
179601-23-1	m&p-Xylene	0.25	U	2.0	0.25
95-47-6	o-Xylene	0.13	U	1.0	0.13
100-41-4	Ethylbenzene	0.10	U	1.0	0.10
108-90-7	Chlorobenzene	0.11	U	1.0	0.11
110-82-7	Cyclohexane	0.16	U	1.0	0.16
98-82-8	Isopropylbenzene	0.080	U	1.0	0.080
591-78-6	2-Hexanone	0.50	U	5.0	0.50
1634-04-4	MTBE	0.14	U	1.0	0.14
76-13-1	Freon TF	0.080	U	1.0	0.080
79-20-9	Methyl acetate	0.34	U	2.0	0.34
123-91-1	1,4-Dioxane	36	U	50	36
79-01-6	Trichloroethene	0.090	U	1.0	0.090
108-88-3	Toluene	0.15	U	1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	0.24	U	1.0	0.24
108-10-1	4-Methyl-2-pentanone	0.99	U	5.0	0.99
10061-01-5	cis-1,3-Dichloropropene	0.18	U	1.0	0.18

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-128358/3
Matrix: Water Lab File ID: p61663.d
Analysis Method: 8260B Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 09/18/2012 22:47
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 128358 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
541-73-1	1,3-Dichlorobenzene	0.14	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	0.23	U	1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	0.34	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	0.51	U	1.0	0.51
78-87-5	1,2-Dichloropropane	0.090	U	1.0	0.090
108-87-2	Methylcyclohexane	0.14	U	1.0	0.14
127-18-4	Tetrachloroethene	0.10	U	1.0	0.10
96-12-8	1,2-Dibromo-3-Chloropropane	0.40	U	1.0	0.40
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U	1.0	0.16
79-00-5	1,1,2-Trichloroethane	0.19	U	1.0	0.19
124-48-1	Dibromochloromethane	0.20	U	1.0	0.20
106-93-4	1,2-Dibromoethane	0.28	U	1.0	0.28
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-97-5	Bromochloromethane	0.27	U	1.0	0.27
75-27-4	Bromodichloromethane	0.12	U	1.0	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		70-130
2037-26-5	Toluene-d8 (Surr)	90		70-130
460-00-4	Bromofluorobenzene	105		70-130

Data File: /chem/VOAMS13.i/8260_09/09-11-12/18sep12a.b/p61663.d
Report Date: 19-Sep-2012 08:15

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/09-11-12/18sep12a.b/p61663.d
Lab Smp Id: MB
Inj Date : 18-SEP-2012 22:47
Operator : Inst ID: VOAMS13.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/09-11-12/18sep12a.b/8260_09.m
Meth Date : 18-Sep-2012 21:45 ken Quant Type: ISTD
Cal Date : 11-SEP-2012 23:09 Cal File: p61361.d
Als bottle: 7 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.829	3.829 (0.939)		88585	45.5734	46
* 52 Fluorobenzene	96	4.079	4.079 (1.000)		594467	50.0000	
\$ 65 Toluene-d8 (SUR)	98	5.688	5.689 (0.746)		331194	45.0480	45
* 78 Chlorobenzene-d5	117	7.621	7.621 (1.000)		459347	50.0000	
\$ 89 Bromofluorobenzene (SUR)	174	9.425	9.426 (0.841)		207943	52.7396	53
* 108 1,4-Dichlorobenzene-d4	152	11.206	11.206 (1.000)		258623	50.0000	

Data File: p61663.d

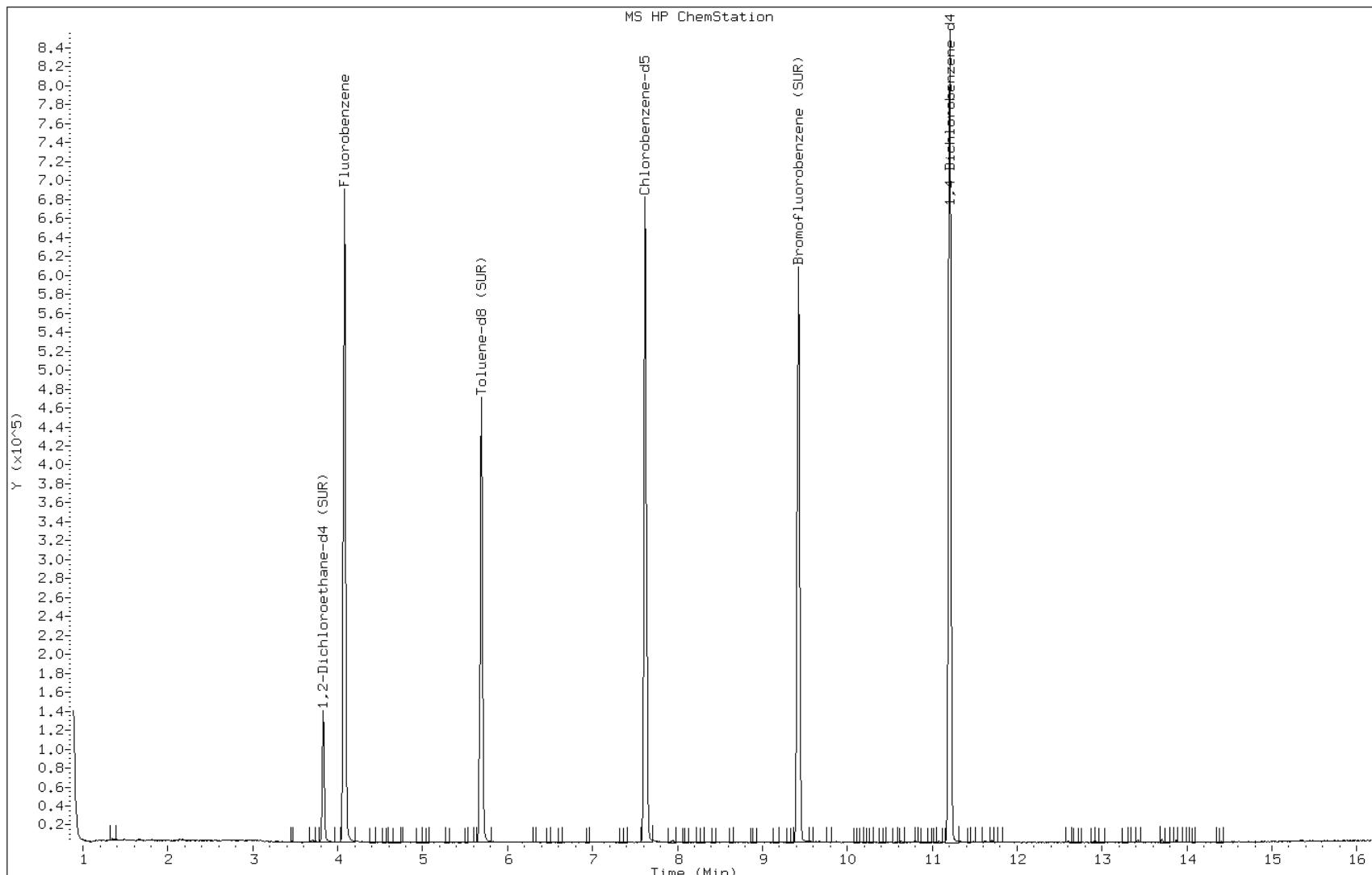
Date: 18-SEP-2012 22:47

Client ID:

Instrument: VOAMS13.i

Sample Info: MB

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44405-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-128032/3
 Matrix: Solid Lab File ID: e07800.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 2.5 (mL) Date Analyzed: 09/15/2012 11:21
 Soil Aliquot Vol: 2.5 (mL) Dilution Factor: 50
 Soil Extract Vol.: 5 (mL) GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Medium
 Analysis Batch No.: 128032 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	2750		100	9.7
74-83-9	Bromomethane	2060		100	18
75-01-4	Vinyl chloride	2370		100	14
75-00-3	Chloroethane	1640		100	17
75-09-2	Methylene Chloride	1970		100	18
67-64-1	Acetone	2980		500	270
75-15-0	Carbon disulfide	1780		100	13
75-69-4	Trichlorofluoromethane	1940		100	15
75-35-4	1,1-Dichloroethene	1930		100	8.8
75-34-3	1,1-Dichloroethane	2060		100	13
156-60-5	trans-1,2-Dichloroethene	1810		100	13
156-59-2	cis-1,2-Dichloroethene	1860		100	18
67-66-3	Chloroform	1940		100	7.9
78-93-3	2-Butanone	2470		500	230
107-06-2	1,2-Dichloroethane	1930		100	19
71-55-6	1,1,1-Trichloroethane	1840		100	6.2
56-23-5	Carbon tetrachloride	1730		100	5.7
71-43-2	Benzene	2160		100	8.3
75-25-2	Bromoform	1770		100	19
100-42-5	Styrene	2170		100	12
179601-23-1	m&p-Xylene	4350		200	25
95-47-6	o-Xylene	2160		100	13
100-41-4	Ethylbenzene	2160		100	9.6
108-90-7	Chlorobenzene	2060		100	11
110-82-7	Cyclohexane	2190		100	16
98-82-8	Isopropylbenzene	2150		100	7.7
591-78-6	2-Hexanone	1690		500	50
1634-04-4	MTBE	1870		100	14
76-13-1	Freon TF	1770		100	8.2
79-20-9	Methyl acetate	1860		200	34
123-91-1	1,4-Dioxane	17800		5000	3600
79-01-6	Trichloroethene	1870		100	9.2
108-88-3	Toluene	2190		100	15
10061-02-6	trans-1,3-Dichloropropene	2040		100	24
108-10-1	4-Methyl-2-pentanone	2460		500	99
10061-01-5	cis-1,3-Dichloropropene	2090		100	18

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 460-128032/3
Matrix: Solid Lab File ID: e07800.d
Analysis Method: 8260B Date Collected: _____
Sample wt/vol: 2.5 (mL) Date Analyzed: 09/15/2012 11:21
Soil Aliquot Vol: 2.5 (mL) Dilution Factor: 50
Soil Extract Vol.: 5 (mL) GC Column: Rtx-VMS ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Medium
Analysis Batch No.: 128032 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	2030		100	21
541-73-1	1,3-Dichlorobenzene	2030		100	14
106-46-7	1,4-Dichlorobenzene	2010		100	23
120-82-1	1,2,4-Trichlorobenzene	1930		100	34
87-61-6	1,2,3-Trichlorobenzene	1980		100	51
78-87-5	1,2-Dichloropropane	2220		100	8.6
108-87-2	Methylcyclohexane	1880		100	14
127-18-4	Tetrachloroethene	1900		100	9.7
96-12-8	1,2-Dibromo-3-Chloropropane	2170		100	40
79-34-5	1,1,2,2-Tetrachloroethane	2370		100	16
79-00-5	1,1,2-Trichloroethane	2070		100	19
124-48-1	Dibromochloromethane	1810		100	20
106-93-4	1,2-Dibromoethane	1970		100	28
75-71-8	Dichlorodifluoromethane	1660		100	22
74-97-5	Bromochloromethane	1790		100	27
75-27-4	Bromodichloromethane	1840		100	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		75-135
2037-26-5	Toluene-d8 (Surr)	104		59-150
460-00-4	Bromofluorobenzene	97		72-133

Data File: /chem/VOAMS5.i/8260/09-04-12/15sep12.b/e07800.d
Report Date: 15-Sep-2012 12:04

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260/09-04-12/15sep12.b/e07800.d
Lab Smp Id: LCS
Inj Date : 15-SEP-2012 11:21
Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS5.i/8260/09-04-12/15sep12.b/8260_09.m
Meth Date : 15-Sep-2012 12:01 audberto Quant Type: ISTD
Cal Date : 04-SEP-2012 12:18 Cal File: e07329.d
Als bottle: 2 QC Sample: METHSPIKE
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS						
		MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/Kg)
2 Dichlorodifluoromethane	85	0.888	0.888 (0.247)			110391	16.6247	1700
3 Chloromethane	50	1.016	1.010 (0.283)			251858	27.4574	2700
4 Vinyl Chloride	62	1.022	1.016 (0.284)			184872	23.6865	2400
6 Bromomethane	94	1.175	1.175 (0.327)			81905	20.5956	2000
5 Chloroethane	64	1.236	1.230 (0.344)			80162	16.3586	1600
8 n-Pentane	72	1.297	1.291 (0.361)			45299	37.5715	3800
7 Trichlorofluoromethane	101	1.303	1.297 (0.362)			176785	19.3815	1900
10 Isoprene	67	1.443	1.443 (0.401)			207212	18.4856	1800
11 Ethyl Ether	59	1.449	1.449 (0.403)			105710	21.0733	2100
15 1,1-Dichloroethene	96	1.553	1.547 (0.432)			89566	19.3354	1900
183 Dichlorofluoromethane	67	1.327	1.327 (0.369)			207623	22.7572	2300
14 Freon TF	101	1.571	1.571 (0.437)			101402	17.6601	1800
18 Carbon Disulfide	76	1.565	1.565 (0.435)			363719	17.7600	1800
17 Iodomethane	142	1.626	1.626 (0.452)			124464	14.7241	1500

Data File: /chem/VOAMS5.i/8260/09-04-12/15sep12.b/e07800.d
 Report Date: 15-Sep-2012 12:04

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)
9 Ethanol	46	1.541	1.541 (0.429)	134482	3799.31	380000	
170 Cyclopentene	67	1.705	1.705 (0.474)	346679	21.0012	2100	
13 Acrolein	56	1.723	1.724 (0.479)	38626	42.4715	4200	
22 Methylene Chloride	84	1.858	1.858 (0.517)	135964	19.7150	2000	
16 Acetone	58	1.882	1.882 (0.523)	16907	29.7876	3000	
25 trans-1,2-Dichloroethene	96	1.943	1.943 (0.540)	110011	18.1391	1800	
27 Methyl Acetate	74	1.955	1.955 (0.544)	22920	18.5793	1800	
29 Hexane	86	1.998	1.992 (0.556)	31127	17.2840	1700	
28 MTBE	73	2.010	2.010 (0.559)	375262	18.7246	1900	
24 TBA	59	2.077	2.077 (0.578)	237993	367.644	37000	
21 Acetonitrile	39	2.144	2.144 (0.596)	79623	698.436	70000	
32 DIPE	45	2.242	2.242 (0.624)	572009	23.3690	2300	
30 1,1-Dichloroethane	63	2.303	2.303 (0.640)	256558	20.6419	2100	
26 Acrylonitrile	53	2.333	2.333 (0.649)	57151	25.3010	2500	
31 Vinyl Acetate	43	2.467	2.467 (0.686)	606374	46.0424	4600	
35 t-Butyl-ethyl-ether	59	2.467	2.467 (0.686)	444868	19.6757	2000	
36 cis-1,2-Dichloroethene	96	2.650	2.650 (0.737)	127159	18.6182	1900	
37 2,2-Dichloroproppane	77	2.717	2.717 (0.756)	186355	19.0895	1900	
44 Cyclohexane	56	2.784	2.778 (0.774)	231747	21.9356	2200	
40 Bromochloromethane	128	2.784	2.778 (0.774)	62226	17.8859	1800	
42 Chloroform	83	2.839	2.839 (0.790)	224642	19.4467	1900	
45 Carbon Tetrachloride	117	2.931	2.925 (0.815)	150669	17.2552	1700	
182 Methyl acrylate	55	2.943	2.943 (0.819)	114660	21.8727	2200	
39 Ethyl Acetate	70	2.943	2.943 (0.819)	26822	41.7847	4200	
41 Tetrahydrofuran	42	2.949	2.949 (0.820)	71789	23.0906	2300	
43 1,1,1-Trichloroethane	97	2.979	2.979 (0.829)	188802	18.4009	1800	
46 1,1-Dichloropropene	75	3.071	3.071 (0.854)	194109	20.4509	2000	
38 2-Butanone	72	3.071	3.065 (0.854)	23509	24.6941	2500	
48 Benzene	78	3.254	3.254 (0.468)	531953	21.6351	2200	
51 n-Heptane	57	3.254	3.254 (0.905)	78811	24.3809	2400	
173 Propionitrile	54	3.278	3.278 (0.912)	37732	43.4137	4300	
174 Methacrylonitrile	67	3.296	3.296 (0.917)	94447	41.3265	4100	
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.357	3.357 (0.934)	354834	45.1889	4500	
50 t-Amyl-methyl-ether	73	3.376	3.370 (0.939)	366357	19.3542	1900	
49 1,2-Dichloroethane	62	3.412	3.412 (0.949)	184727	19.3098	1900	
* 52 Fluorobenzene	96	3.595	3.595 (1.000)	1288019	50.0000		
166 2,4,4-Trimethyl-1-pentene	112	3.638	3.638 (1.012)	69338	34.2063	3400	
61 Isopropyl Acetate	43	3.668	3.662 (1.020)	597895	48.3120	4800	
56 Methyl cyclohexane	83	3.729	3.723 (1.037)	188654	18.7842	1900	
54 Trichloroethene	95	3.735	3.735 (1.039)	127339	18.6923	1900	
58 Dibromomethane	93	4.101	4.095 (1.141)	78664	19.5112	2000	
57 1,2-Dichloropropane	63	4.192	4.193 (1.166)	149564	22.2458	2200	
55 Ethyl Acrylate	55	4.272	4.272 (1.188)	179349	21.6659	2200	
68 Bromodichloromethane	83	4.272	4.272 (1.188)	169286	18.4423	1800	
59 Methyl Methacrylate	100	4.467	4.467 (1.242)	32469	18.3896	1800	
60 1,4-Dioxane	88	4.503	4.516 (1.253)	12270	178.082	18000	
75 Propyl Acetate	43	4.619	4.619 (1.285)	218657	24.2344	2400	

Data File: /chem/VOAMS5.i/8260/09-04-12/15sep12.b/e07800.d
 Report Date: 15-Sep-2012 12:04

Compounds	QUANT SIG	CONCENTRATIONS						
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
62 2-Chloroethyl Vinyl Ether	63	4.875	4.875	(1.356)		87047	22.6007	2300
67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.705)		229528	20.8870	2100
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)		1289291	51.8669	5200
66 Toluene	91	5.162	5.156	(0.742)		627171	21.9262	2200
63 Epichlorohydrin	57	5.180	5.180	(0.745)		262140	446.459	45000
71 Tetrachloroethene	166	5.582	5.583	(0.803)		149084	19.0342	1900
70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.809)		149889	24.5597	2400
64 trans-1,3-Dichloropropene	75	5.650	5.643	(0.812)		211907	20.4256	2000
69 1,1,2-Trichloroethane	83	5.820	5.820	(0.837)		98797	20.6645	2100
175 Ethyl methacrylate	69	5.912	5.912	(1.644)		186975	21.0606	2100
74 Dibromochloromethane	129	6.015	6.015	(0.865)		131098	18.1165	1800
72 1,3-Dichloropropane	76	6.137	6.131	(0.883)		220159	21.2967	2100
77 1,2-Dibromoethane	107	6.259	6.259	(0.900)		119677	19.7041	2000
76 Butyl Acetate	73	6.619	6.613	(0.952)		75214	44.9973	4500
73 2-Hexanone	43	6.674	6.674	(0.960)		79074	16.9312	1700
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)		1095071	50.0000	
79 Chlorobenzene	112	6.972	6.973	(1.003)		420212	20.6230	2100
81 Ethylbenzene	106	7.064	7.064	(1.016)		229043	21.6155	2200
80 1,1,1,2-Tetrachloroethane	131	7.082	7.082	(1.018)		135899	18.4918	1800
82 m+p-Xylene	106	7.277	7.277	(1.046)		589382	43.4554	4300
84 o-Xylene	106	7.856	7.856	(1.130)		288986	21.6406	2200
86 Bromoform	173	7.911	7.911	(1.138)		96802	17.6589	1800
85 Styrene	104	7.942	7.942	(1.142)		498125	21.6516	2200
87 Amyl Acetate	43	8.692	8.692	(0.830)		210611	27.5998	2800(R)
83 Butyl Acrylate	73	8.271	8.271	(1.189)		121151	23.2300	2300
88 Isopropylbenzene	105	8.350	8.344	(1.201)		742920	21.5053	2200
90 Camphene (total)	41	8.460	8.460	(1.217)		55460	22.3208	2200
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)		523564	48.6136	4900
91 Bromobenzene	156	8.814	8.814	(0.842)		198773	20.0236	2000
95 n-Propylbenzene	91	8.978	8.978	(0.858)		905389	22.8078	2300
92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)		176146	23.7167	2400
96 2-Chlorotoluene	91	9.143	9.143	(0.874)		620726	21.7993	2200
93 1,2,3-Trichloropropane	110	9.246	9.246	(0.883)		51253	20.5795	2000
97 1,3,5-Trimethylbenzene	105	9.326	9.326	(0.891)		633077	21.5749	2200
94 trans-1,4-Dichloro-2-butene	53	9.374	9.374	(0.896)		60291	23.9383	2400
98 4-Chlorotoluene	91	9.411	9.411	(0.899)		590639	22.0155	2200
100 tert-Butylbenzene	119	9.795	9.789	(0.936)		515716	21.1864	2100
101 1,2,4-Trimethylbenzene	105	9.917	9.917	(0.948)		657161	21.6940	2200
99 Butyl Methacrylate	87	9.923	9.923	(0.948)		228687	22.5117	2200
103 sec-Butylbenzene	105	10.082	10.082	(0.963)		729945	22.0343	2200
105 1,3-Dichlorobenzene	146	10.332	10.325	(0.987)		366450	20.2671	2000
107 p-Isopropyltoluene	119	10.362	10.362	(0.990)		633649	21.0893	2100
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)		657405	50.0000	
109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)		377245	20.1499	2000
171 Indan	117	10.770	10.771	(2.996)		625852	19.3900	1900
102 2-Octanone	43	10.862	10.862	(1.038)		307747	27.1796	2700
110 Benzyl Chloride	91	10.941	10.941	(1.045)		459297	26.6827	2700

Data File: /chem/VOAMS5.i/8260/09-04-12/15sep12.b/e07800.d
Report Date: 15-Sep-2012 12:04

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)
106 n-Butylbenzene	91	11.057	11.057	(1.056)	556125	22.1360	2200
111 1,2-Dichlorobenzene	146	11.148	11.149	(1.065)	350149	20.2755	2000
112 1,2-Dibromo-3-chloropropane	75	12.234	12.234	(1.169)	32501	21.7386	2200
114 1,2,4-Trichlorobenzene	180	12.965	12.965	(1.239)	201411	19.3219	1900
115 Hexachlorobutadiene	225	12.996	12.990	(1.242)	85681	19.3439	1900
113 Camphor	95	13.239	13.240	(1.265)	92184	110.623	11000
116 Naphthalene	128	13.270	13.270	(1.268)	465521	22.2638	2200
117 1,2,3-Trichlorobenzene	180	13.447	13.447	(1.285)	170522	19.8181	2000
M 120 1,2-Dichloroethene (Total)	100				237170	36.7573	3700
M 121 Xylene (Total)	100				878369	65.0961	6500

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: e07800.d

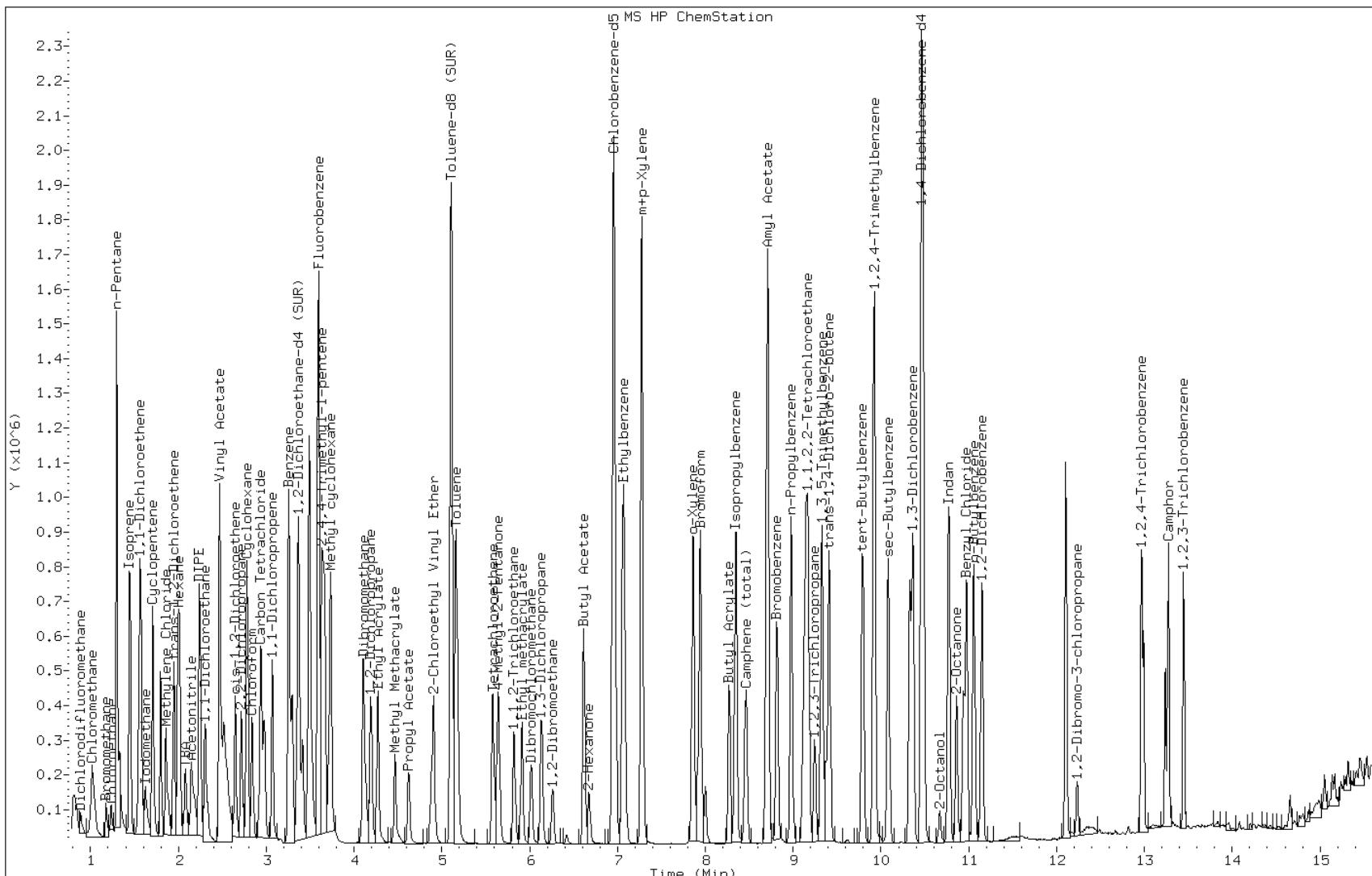
Date: 15-SEP-2012 11:21

Client ID:

Instrument: VOAMS5.i

Sample Info: LCS

Operator: GC/MS VOAMS5



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 460-128358/10
Matrix: Water Lab File ID: p61670.d
Analysis Method: 8260B Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 09/19/2012 01:37
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 128358 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	17.2		1.0	0.10
74-83-9	Bromomethane	18.5		1.0	0.18
75-01-4	Vinyl chloride	17.1		1.0	0.14
75-00-3	Chloroethane	24.1		1.0	0.17
75-09-2	Methylene Chloride	17.0		1.0	0.18
67-64-1	Acetone	16.5		5.0	2.7
75-15-0	Carbon disulfide	14.5		1.0	0.13
75-69-4	Trichlorofluoromethane	24.0		1.0	0.15
75-35-4	1,1-Dichloroethene	18.1		1.0	0.090
75-34-3	1,1-Dichloroethane	17.2		1.0	0.13
156-60-5	trans-1,2-Dichloroethene	17.3		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	18.8		1.0	0.18
67-66-3	Chloroform	20.3		1.0	0.080
78-93-3	2-Butanone	19.8		5.0	2.3
107-06-2	1,2-Dichloroethane	20.2		1.0	0.19
71-55-6	1,1,1-Trichloroethane	19.4		1.0	0.060
56-23-5	Carbon tetrachloride	16.9		1.0	0.060
71-43-2	Benzene	20.7		1.0	0.080
75-25-2	Bromoform	14.7		1.0	0.19
100-42-5	Styrene	19.3		1.0	0.12
179601-23-1	m&p-Xylene	38.9		2.0	0.25
95-47-6	o-Xylene	19.6		1.0	0.13
100-41-4	Ethylbenzene	19.3		1.0	0.10
108-90-7	Chlorobenzene	20.1		1.0	0.11
110-82-7	Cyclohexane	17.9		1.0	0.16
98-82-8	Isopropylbenzene	19.9		1.0	0.080
591-78-6	2-Hexanone	15.6		5.0	0.50
1634-04-4	MTBE	15.9		1.0	0.14
76-13-1	Freon TF	17.4		1.0	0.080
79-20-9	Methyl acetate	13.5		2.0	0.34
123-91-1	1,4-Dioxane	168		50	36
79-01-6	Trichloroethene	19.8		1.0	0.090
108-88-3	Toluene	19.6		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	17.2		1.0	0.24
108-10-1	4-Methyl-2-pentanone	15.4		5.0	0.99
10061-01-5	cis-1,3-Dichloropropene	17.7		1.0	0.18

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 460-128358/10
Matrix: Water Lab File ID: p61670.d
Analysis Method: 8260B Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 09/19/2012 01:37
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 128358 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	19.9		1.0	0.21
541-73-1	1,3-Dichlorobenzene	19.9		1.0	0.14
106-46-7	1,4-Dichlorobenzene	20.1		1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	20.0		1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	19.8		1.0	0.51
78-87-5	1,2-Dichloropropane	19.7		1.0	0.090
108-87-2	Methylcyclohexane	18.4		1.0	0.14
127-18-4	Tetrachloroethene	20.2		1.0	0.10
96-12-8	1,2-Dibromo-3-Chloropropane	15.4		1.0	0.40
79-34-5	1,1,2,2-Tetrachloroethane	19.0		1.0	0.16
79-00-5	1,1,2-Trichloroethane	19.1		1.0	0.19
124-48-1	Dibromochloromethane	16.8		1.0	0.20
106-93-4	1,2-Dibromoethane	19.4		1.0	0.28
75-71-8	Dichlorodifluoromethane	19.7		1.0	0.22
74-97-5	Bromochloromethane	18.9		1.0	0.27
75-27-4	Bromodichloromethane	18.3		1.0	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	81		70-130
2037-26-5	Toluene-d8 (Surr)	86		70-130
460-00-4	Bromofluorobenzene	97		70-130

Data File: /chem/VOAMS13.i/8260_09/09-11-12/18sep12a.b/p61670.d
Report Date: 19-Sep-2012 02:05

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/09-11-12/18sep12a.b/p61670.d
Lab Smp Id: LCS
Inj Date : 19-SEP-2012 01:37
Operator : Inst ID: VOAMS13.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/09-11-12/18sep12a.b/8260_09.m
Meth Date : 18-Sep-2012 21:45 ken Quant Type: ISTD
Cal Date : 11-SEP-2012 23:09 Cal File: p61361.d
Als bottle: 14 QC Sample: BS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)
2 Dichlorodifluoromethane	85	0.994	0.994 (0.244)		65992	19.6918	20
3 Chloromethane	50	1.135	1.135 (0.278)		75161	17.2262	17
4 Vinyl Chloride	62	1.153	1.153 (0.283)		74484	17.1263	17
6 Bromomethane	94	1.336	1.336 (0.327)		28659	18.4855	18
5 Chloroethane	64	1.403	1.403 (0.344)		44602	24.1102	24
8 n-Pentane	72	1.476	1.476 (0.362)		26401	35.5236	36
7 Trichlorofluoromethane	101	1.476	1.476 (0.362)		122069	23.9703	24
183 Dichlorofluoromethane	67	1.519	1.519 (0.372)		132723	20.3128	20
10 Isoprene	67	1.653	1.653 (0.405)		94770	17.7642	18
11 Ethyl Ether	59	1.671	1.671 (0.410)		58137	17.6300	18
15 1,1-Dichloroethene	96	1.781	1.781 (0.437)		48624	18.1296	18
9 Ethanol	46	1.775	1.769 (0.435)		61588	2984.11	3000(R)
18 Carbon Disulfide	76	1.799	1.799 (0.441)		167887	14.5076	14
14 Freon TF	101	1.805	1.805 (0.443)		58983	17.4413	17
170 Cyclopentene	67	1.964	1.964 (0.481)		169135	16.5279	16
13 Acrolein	56	1.988	1.988 (0.487)		22559	30.1834	30

Data File: /chem/VOAMS13.i/8260_09/09-11-12/18sep12a.b/p61670.d
 Report Date: 19-Sep-2012 02:05

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)
20 Allyl Chloride	76	2.073	2.073 (0.508)		34237	16.9683	17
22 Methylene Chloride	84	2.140	2.140 (0.525)		65401	16.9561	17
16 Acetone	58	2.177	2.177 (0.534)		6338	16.4769	16
25 trans-1,2-Dichloroethene	96	2.238	2.238 (0.549)		61323	17.3185	17
27 Methyl Acetate	74	2.256	2.256 (0.553)		12991	13.5098	14
29 Hexane	86	2.293	2.293 (0.562)		14545	16.6215	17
28 MTBE	73	2.317	2.317 (0.568)		187709	15.8966	16
24 TBA	59	2.397	2.396 (0.588)		149135	333.867	330
21 Acetonitrile	39	2.482	2.476 (0.608)		35942	354.651	350
32 DIPE	45	2.573	2.573 (0.631)		204923	15.6714	16
31 Vinyl Acetate	43	2.835	2.835 (0.695)		276252	33.8811	34
30 1,1-Dichloroethane	63	2.653	2.653 (0.650)		111557	17.2084	17
26 Acrylonitrile	53	2.695	2.695 (0.661)		25156	15.9528	16
35 t-Butyl-ethyl-ether	59	2.835	2.829 (0.695)		199906	16.7104	17
34 n-Propanol	42	2.890	2.884 (0.709)		76799	2970.75	3000
36 cis-1,2-Dichloroethene	96	3.037	3.037 (0.744)		70884	18.8108	19
37 2,2-Dichloropropane	77	3.116	3.116 (0.764)		93349	17.8659	18
44 Cyclohexane	56	3.183	3.183 (0.780)		111521	17.8932	18
40 Bromochloromethane	128	3.189	3.189 (0.782)		34654	18.9412	19
42 Chloroform	83	3.250	3.250 (0.797)		118953	20.3232	20
45 Carbon Tetrachloride	117	3.348	3.348 (0.821)		73886	16.9405	17
39 Ethyl Acetate	70	3.366	3.360 (0.825)		14941	32.1994	32
41 Tetrahydrofuran	42	3.372	3.378 (0.827)		37321	18.1900	18
43 1,1,1-Trichloroethane	97	3.402	3.402 (0.834)		99836	19.3734	19
46 1,1-Dichloropropene	75	3.506	3.506 (0.860)		94228	18.5361	18
38 2-Butanone	72	3.506	3.506 (0.860)		12216	19.7941	20
51 n-Heptane	57	3.695	3.695 (0.906)		38605	16.9075	17
48 Benzene	78	3.707	3.707 (0.486)		286313	20.7135	21
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.829	3.829 (0.939)		82568	40.7102	41
50 t-Amyl-methyl-ether	73	3.829	3.829 (0.939)		190575	16.9695	17
49 1,2-Dichloroethane	62	3.884	3.884 (0.952)		92452	20.2054	20
181 Isobutyl Alcohol	43	3.957	3.957 (0.970)		523138	2593.42	2600
* 52 Fluorobenzene	96	4.079	4.079 (1.000)		620285	50.0000	
61 Isopropyl Acetate	43	4.146	4.146 (1.016)		239395	31.1730	31
56 Methyl cyclohexane	83	4.213	4.213 (1.033)		110601	18.3513	18
54 Trichloroethene	95	4.232	4.231 (1.037)		71806	19.8179	20
166 2,4,4-Trimethyl-1-pentene	112	4.116	4.116 (1.009)		41510	35.6595	36
53 n-Butanol	56	4.622	4.616 (1.133)		156626	1184.18	1200
58 Dibromomethane	93	4.628	4.628 (1.135)		43686	19.6531	20
57 1,2-Dichloropropane	63	4.731	4.731 (1.160)		73243	19.7433	20
55 Ethyl Acrylate	55	4.799	4.798 (1.176)		87576	16.0019	16
68 Bromodichloromethane	83	4.805	4.805 (1.178)		85855	18.2826	18
59 Methyl Methacrylate	100	5.012	5.006 (1.229)		18875	15.6944	16
60 1,4-Dioxane	88	5.042	5.036 (1.236)		9685	168.172	170
75 Propyl Acetate	43	5.170	5.170 (1.268)		93662	15.2014	15
62 2-Chloroethyl Vinyl Ether	63	5.445	5.445 (1.335)		11395	4.77347	4.8(R)
67 cis-1,3-Dichloropropene	75	5.481	5.481 (0.719)		104904	17.6878	18

Data File: /chem/VOAMS13.i/8260_09/09-11-12/18sep12a.b/p61670.d
 Report Date: 19-Sep-2012 02:05

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)
\$ 65 Toluene-d8 (SUR)	98	5.689	5.689 (0.746)		313785	42.7906	43
66 Toluene	91	5.743	5.743 (0.754)		301167	19.6199	20
63 Epichlorohydrin	57	5.780	5.774 (0.758)		141470	344.231	340
71 Tetrachloroethene	166	6.188	6.188 (0.812)		72726	20.2043	20
70 4-Methyl-2-Pentanone	43	6.237	6.237 (0.818)		63369	15.4012	15
64 trans-1,3-Dichloropropene	75	6.262	6.262 (0.822)		95202	17.1662	17
69 1,1,2-Trichloroethane	83	6.445	6.444 (0.846)		51980	19.0779	19
175 Ethyl methacrylate	69	6.518	6.518 (1.598)		84686	14.6123	15
74 Dibromochloromethane	129	6.652	6.652 (0.873)		59858	16.8065	17
72 1,3-Dichloropropane	76	6.774	6.774 (0.889)		112325	19.7510	20
77 1,2-Dibromoethane	107	6.914	6.914 (0.907)		65589	19.4496	19
76 Butyl Acetate	73	7.249	7.249 (0.951)		35124	29.2269	29
73 2-Hexanone	43	7.329	7.322 (0.962)		46303	15.6064	16
* 78 Chlorobenzene-d5	117	7.621	7.621 (1.000)		458161	50.0000	
79 Chlorobenzene	112	7.646	7.639 (1.003)		203000	20.1077	20
81 Ethylbenzene	106	7.725	7.725 (1.014)		105855	19.2743	19
80 1,1,1,2-Tetrachloroethane	131	7.755	7.755 (1.018)		61645	17.4316	17
82 m+p-Xylene	106	7.944	7.944 (1.042)		261990	38.9451	39
84 o-Xylene	106	8.548	8.548 (1.122)		128440	19.5631	20
86 Bromoform	173	8.609	8.615 (1.130)		37080	14.6770	15
85 Styrene	104	8.633	8.633 (1.133)		221970	19.2738	19
83 Butyl Acrylate	73	8.950	8.950 (1.174)		48267	14.9553	15
88 Isopropylbenzene	105	9.042	9.042 (1.186)		341266	19.9261	20
\$ 89 Bromofluorobenzene (SUR)	174	9.426	9.426 (0.841)		190256	48.6810	49
91 Bromobenzene	156	9.541	9.541 (0.851)		89205	19.4099	19
95 n-Propylbenzene	91	9.688	9.688 (0.865)		415601	19.2493	19
92 1,1,2,2-Tetrachloroethane	83	9.822	9.828 (0.876)		89163	18.9527	19
96 2-Chlorotoluene	91	9.865	9.865 (0.880)		290225	19.2806	19
93 1,2,3-Trichloropropane	110	9.974	9.974 (0.890)		26766	18.2797	18
97 1,3,5-Trimethylbenzene	105	10.035	10.035 (0.896)		295983	19.0390	19
94 trans-1,4-Dichloro-2-butene	53	10.090	10.096 (0.900)		21116	13.7997	14
98 4-Chlorotoluene	91	10.139	10.139 (0.905)		266345	19.1010	19
100 tert-Butylbenzene	119	10.517	10.517 (0.939)		248858	18.9822	19
99 Butyl Methacrylate	87	10.627	10.633 (0.948)		95921	15.4417	15
101 1,2,4-Trimethylbenzene	105	10.645	10.645 (0.950)		312414	19.4270	19
103 sec-Butylbenzene	105	10.810	10.809 (0.965)		373559	19.5341	20
105 1,3-Dichlorobenzene	146	11.078	11.078 (0.989)		177504	19.9168	20
107 p-Isopropyltoluene	119	11.090	11.090 (0.990)		323956	19.4520	19
* 108 1,4-Dichlorobenzene-d4	152	11.206	11.206 (1.000)		256353	50.0000	
109 1,4-Dichlorobenzene	146	11.230	11.230 (1.002)		183824	20.1146	20
171 Indan	117	11.480	11.480 (2.814)		305159	18.5537	18
110 Benzyl Chloride	91	11.626	11.626 (1.038)		197357	13.6452	14(R)
106 n-Butylbenzene	91	11.700	11.700 (1.044)		312973	20.5374	20
111 1,2-Dichlorobenzene	146	11.797	11.803 (1.053)		172935	19.8717	20
112 1,2-Dibromo-3-chloropropane	75	12.742	12.742 (1.137)		15231	15.4339	15
114 1,2,4-Trichlorobenzene	180	13.419	13.419 (1.197)		126183	20.0021	20
115 Hexachlorobutadiene	225	13.431	13.431 (1.199)		42502	18.7236	19

Data File: /chem/VOAMS13.i/8260_09/09-11-12/18sep12a.b/p61670.d
Report Date: 19-Sep-2012 02:05

Compounds	QUANT SIG	CONCENTRATIONS						
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
116 Naphthalene	====	128	13.705	13.705 (1.223)		332376	19.5763	20
117 1,2,3-Trichlorobenzene		180	13.870	13.870 (1.238)		114102	19.8268	20
M 120 1,2-Dichloroethene (Total)		100				132208	36.1293	36
M 121 Xylene (Total)		100				390431	58.5083	58

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: p61670.d

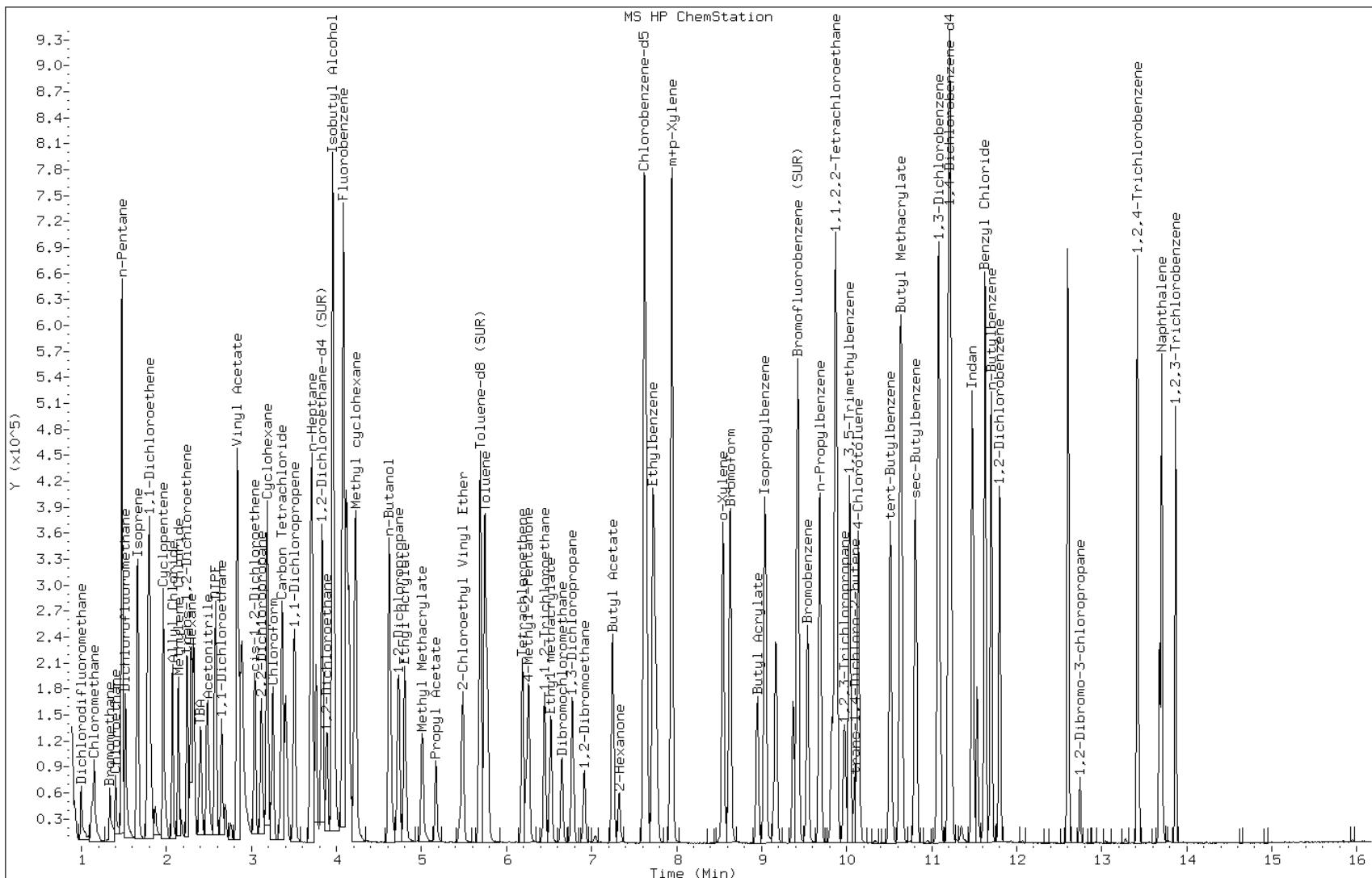
Date: 19-SEP-2012 01:37

Client ID:

Instrument: VOAMS13.i

Sample Info: LCS

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44405-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-128032/16
 Matrix: Solid Lab File ID: e07801.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 2.5 (mL) Date Analyzed: 09/15/2012 12:11
 Soil Aliquot Vol: 2.5 (mL) Dilution Factor: 50
 Soil Extract Vol.: 5 (mL) GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Medium
 Analysis Batch No.: 128032 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	2270		100	9.7
74-83-9	Bromomethane	1910		100	18
75-01-4	Vinyl chloride	2150		100	14
75-00-3	Chloroethane	1740		100	17
75-09-2	Methylene Chloride	1780		100	18
67-64-1	Acetone	3350		500	270
75-15-0	Carbon disulfide	1610		100	13
75-69-4	Trichlorofluoromethane	1880		100	15
75-35-4	1,1-Dichloroethene	1770		100	8.8
75-34-3	1,1-Dichloroethane	1820		100	13
156-60-5	trans-1,2-Dichloroethene	1620		100	13
156-59-2	cis-1,2-Dichloroethene	1730		100	18
67-66-3	Chloroform	1820		100	7.9
78-93-3	2-Butanone	2360		500	230
107-06-2	1,2-Dichloroethane	1770		100	19
71-55-6	1,1,1-Trichloroethane	1700		100	6.2
56-23-5	Carbon tetrachloride	1600		100	5.7
71-43-2	Benzene	2080		100	8.3
75-25-2	Bromoform	1590		100	19
100-42-5	Styrene	1960		100	12
179601-23-1	m&p-Xylene	3900		200	25
95-47-6	o-Xylene	1930		100	13
100-41-4	Ethylbenzene	1980		100	9.6
108-90-7	Chlorobenzene	1900		100	11
110-82-7	Cyclohexane	2100		100	16
98-82-8	Isopropylbenzene	1910		100	7.7
591-78-6	2-Hexanone	1770		500	50
1634-04-4	MTBE	1700		100	14
76-13-1	Freon TF	1590		100	8.2
79-20-9	Methyl acetate	1560		200	34
123-91-1	1,4-Dioxane	16400		5000	3600
79-01-6	Trichloroethene	1730		100	9.2
108-88-3	Toluene	2040		100	15
10061-02-6	trans-1,3-Dichloropropene	1940		100	24
108-10-1	4-Methyl-2-pentanone	2430		500	99
10061-01-5	cis-1,3-Dichloropropene	1990		100	18

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCSD 460-128032/16
Matrix: Solid Lab File ID: e07801.d
Analysis Method: 8260B Date Collected: _____
Sample wt/vol: 2.5 (mL) Date Analyzed: 09/15/2012 12:11
Soil Aliquot Vol: 2.5 (mL) Dilution Factor: 50
Soil Extract Vol.: 5 (mL) GC Column: Rtx-VMS ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Medium
Analysis Batch No.: 128032 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	1850		100	21
541-73-1	1,3-Dichlorobenzene	1870		100	14
106-46-7	1,4-Dichlorobenzene	1870		100	23
120-82-1	1,2,4-Trichlorobenzene	1790		100	34
87-61-6	1,2,3-Trichlorobenzene	1800		100	51
78-87-5	1,2-Dichloropropane	2060		100	8.6
108-87-2	Methylcyclohexane	1770		100	14
127-18-4	Tetrachloroethene	1770		100	9.7
96-12-8	1,2-Dibromo-3-Chloropropane	1970		100	40
79-34-5	1,1,2,2-Tetrachloroethane	2170		100	16
79-00-5	1,1,2-Trichloroethane	1930		100	19
124-48-1	Dibromochloromethane	1730		100	20
106-93-4	1,2-Dibromoethane	1860		100	28
75-71-8	Dichlorodifluoromethane	1380		100	22
74-97-5	Bromochloromethane	1670		100	27
75-27-4	Bromodichloromethane	1770		100	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	86		75-135
2037-26-5	Toluene-d8 (Surr)	100		59-150
460-00-4	Bromofluorobenzene	94		72-133

Data File: /chem/VOAMS5.i/8260/09-04-12/15sep12.b/e07801.d
Report Date: 19-Sep-2012 13:39

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260/09-04-12/15sep12.b/e07801.d
Lab Smp Id: LCSD
Inj Date : 15-SEP-2012 12:11
Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
Smp Info : LCSD
Misc Info :
Comment :
Method : /chem/VOAMS5.i/8260/09-04-12/15sep12.b/8260_09.m
Meth Date : 15-Sep-2012 12:01 audberto Quant Type: ISTD
Cal Date : 04-SEP-2012 12:18 Cal File: e07329.d
Als bottle: 3 QC Sample: METHSPIKE
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)
2 Dichlorodifluoromethane	85	0.888	0.888 (0.247)		100946	13.7530	1400
3 Chloromethane	50	1.010	1.010 (0.281)		230533	22.7363	2300
4 Vinyl Chloride	62	1.016	1.016 (0.283)		185383	21.4874	2100
6 Bromomethane	94	1.175	1.175 (0.327)		84075	19.1258	1900
5 Chloroethane	64	1.230	1.230 (0.342)		94187	17.3881	1700
8 n-Pentane	72	1.297	1.291 (0.361)		36767	27.5873	2800
7 Trichlorofluoromethane	101	1.297	1.297 (0.361)		189594	18.8040	1900
10 Isoprene	67	1.443	1.443 (0.401)		229218	18.4992	1800
11 Ethyl Ether	59	1.449	1.449 (0.403)		111818	20.1657	2000
15 1,1-Dichloroethene	96	1.553	1.547 (0.432)		90725	17.7183	1800
183 Dichlorofluoromethane	67	1.327	1.327 (0.369)		205686	20.3955	2000
14 Freon TF	101	1.571	1.571 (0.437)		100835	15.8870	1600
18 Carbon Disulfide	76	1.565	1.565 (0.435)		363814	16.0710	1600
17 Iodomethane	142	1.626	1.626 (0.452)		129233	13.8307	1400

Data File: /chem/VOAMS5.i/8260/09-04-12/15sep12.b/e07801.d
 Report Date: 19-Sep-2012 13:39

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)
9 Ethanol	46	1.541	1.541 (0.429)	123716	3161.92	320000	
170 Cyclopentene	67	1.705	1.705 (0.474)	338331	18.5413	1800	
13 Acrolein	56	1.724	1.724 (0.479)	41148	40.9307	4100	
22 Methylene Chloride	84	1.858	1.858 (0.517)	135417	17.7635	1800	
16 Acetone	58	1.882	1.882 (0.523)	21002	33.4738	3300	
25 trans-1,2-Dichloroethene	96	1.943	1.943 (0.540)	108380	16.1664	1600	
27 Methyl Acetate	74	1.955	1.955 (0.544)	21216	15.5587	1600	
29 Hexane	86	1.992	1.992 (0.554)	31653	15.9001	1600	
28 MTBE	73	2.010	2.010 (0.559)	376878	17.0123	1700	
24 TBA	59	2.077	2.077 (0.578)	238611	333.455	33000	
21 Acetonitrile	39	2.144	2.144 (0.596)	56588	449.048	45000	
32 DIPE	45	2.242	2.242 (0.624)	597529	22.0841	2200	
30 1,1-Dichloroethane	63	2.303	2.303 (0.640)	250257	18.2152	1800	
26 Acrylonitrile	53	2.333	2.333 (0.649)	49934	19.9986	2000	
31 Vinyl Acetate	43	2.467	2.467 (0.686)	683830	46.9732	4700	
35 t-Butyl-ethyl-ether	59	2.467	2.467 (0.686)	457834	18.3185	1800	
36 cis-1,2-Dichloroethene	96	2.650	2.650 (0.737)	130538	17.2906	1700	
37 2,2-Dichloroproppane	77	2.717	2.717 (0.756)	184028	17.0537	1700	
44 Cyclohexane	56	2.778	2.778 (0.773)	245560	21.0270	2100	
40 Bromochloromethane	128	2.778	2.778 (0.773)	64082	16.6631	1700	
42 Chloroform	83	2.839	2.839 (0.790)	232439	18.2032	1800	
45 Carbon Tetrachloride	117	2.931	2.925 (0.815)	154260	15.9821	1600	
182 Methyl acrylate	55	2.943	2.943 (0.819)	116453	20.0967	2000	
39 Ethyl Acetate	70	2.943	2.943 (0.819)	26606	37.4957	3700	
41 Tetrahydrofuran	42	2.949	2.949 (0.820)	70837	20.6123	2100	
43 1,1,1-Trichloroethane	97	2.979	2.979 (0.829)	193099	17.0254	1700	
46 1,1-Dichloropropene	75	3.071	3.071 (0.854)	188009	17.9197	1800	
38 2-Butanone	72	3.071	3.065 (0.854)	24859	23.6223	2400	
48 Benzene	78	3.254	3.254 (0.468)	540668	20.8023	2100	
51 n-Heptane	57	3.254	3.254 (0.905)	79202	22.1656	2200	
173 Propionitrile	54	3.278	3.278 (0.912)	38360	39.9286	4000	
174 Methacrylonitrile	67	3.296	3.296 (0.917)	96404	38.1610	3800	
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.357	3.357 (0.934)	374720	43.1715	4300	
50 t-Amyl-methyl-ether	73	3.370	3.370 (0.937)	390057	18.6416	1900	
49 1,2-Dichloroethane	62	3.412	3.412 (0.949)	186815	17.6662	1800	
* 52 Fluorobenzene	96	3.595	3.595 (1.000)	1423765	50.0000		
166 2,4,4-Trimethyl-1-pentene	112	3.638	3.638 (1.012)	72358	32.2927	3200	
61 Isopropyl Acetate	43	3.662	3.662 (1.019)	602306	44.0282	4400	
56 Methyl cyclohexane	83	3.723	3.723 (1.036)	196583	17.7075	1800	
54 Trichloroethene	95	3.735	3.735 (1.039)	130026	17.2670	1700	
58 Dibromomethane	93	4.095	4.095 (1.139)	78209	17.5488	1800	
57 1,2-Dichloropropane	63	4.193	4.193 (1.166)	153217	20.6163	2100	
55 Ethyl Acrylate	55	4.266	4.272 (1.187)	184438	20.1564	2000	
68 Bromodichloromethane	83	4.266	4.272 (1.187)	179421	17.6828	1800	
59 Methyl Methacrylate	100	4.467	4.467 (1.242)	34417	17.6340	1800	
60 1,4-Dioxane	88	4.491	4.516 (1.249)	12518	164.356	16000	
75 Propyl Acetate	43	4.619	4.619 (1.285)	216053	21.6627	2200	

Data File: /chem/VOAMS5.i/8260/09-04-12/15sep12.b/e07801.d
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Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)
62 2-Chloroethyl Vinyl Ether	63	4.875	4.875	(1.356)	24025	5.64323	560(R)
67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.705)	231385	19.9191	2000
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	1317297	50.1323	5000
66 Toluene	91	5.156	5.156	(0.741)	617092	20.4090	2000
63 Epichlorohydrin	57	5.180	5.180	(0.745)	241527	389.143	39000
71 Tetrachloroethene	166	5.576	5.583	(0.802)	146537	17.6989	1800
70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.809)	156615	24.2761	2400
64 trans-1,3-Dichloropropene	75	5.643	5.643	(0.812)	213178	19.4386	1900
69 1,1,2-Trichloroethane	83	5.820	5.820	(0.837)	97472	19.2866	1900
175 Ethyl methacrylate	69	5.912	5.912	(1.644)	188586	19.2168	1900
74 Dibromochloromethane	129	6.015	6.015	(0.865)	132582	17.3323	1700
72 1,3-Dichloropropane	76	6.131	6.131	(0.882)	218774	20.0200	2000
77 1,2-Dibromoethane	107	6.259	6.259	(0.900)	119146	18.5576	1800
76 Butyl Acetate	73	6.613	6.613	(0.951)	72605	41.0913	4100
73 2-Hexanone	43	6.674	6.674	(0.960)	87359	17.6950	1800
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	1157571	50.0000	
79 Chlorobenzene	112	6.972	6.973	(1.003)	408326	18.9577	1900
81 Ethylbenzene	106	7.064	7.064	(1.016)	221480	19.7733	2000
80 1,1,1,2-Tetrachloroethane	131	7.082	7.082	(1.018)	134560	17.3211	1700
82 m+p-Xylene	106	7.277	7.277	(1.046)	559416	39.0191	3900
84 o-Xylene	106	7.856	7.856	(1.130)	272384	19.2961	1900
86 Bromoform	173	7.911	7.911	(1.138)	92273	15.9239	1600
85 Styrene	104	7.942	7.942	(1.142)	476097	19.5768	2000
87 Amyl Acetate	43	8.686	8.692	(0.830)	328555	42.5768	4200(R)
83 Butyl Acrylate	73	8.271	8.271	(1.189)	116179	21.0739	2100
88 Isopropylbenzene	105	8.344	8.344	(1.200)	698989	19.1412	1900
90 Camphene (total)	41	8.460	8.460	(1.217)	57451	21.8738	2200
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	510698	46.8914	4700
91 Bromobenzene	156	8.820	8.814	(0.843)	183718	18.3010	1800
95 n-Propylbenzene	91	8.978	8.978	(0.858)	842936	20.9983	2100
92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	163045	21.7084	2200
96 2-Chlorotoluene	91	9.143	9.143	(0.874)	586588	20.3712	2000
93 1,2,3-Trichloropropane	110	9.246	9.246	(0.883)	46912	18.6270	1900
97 1,3,5-Trimethylbenzene	105	9.326	9.326	(0.891)	587323	19.7929	2000
94 trans-1,4-Dichloro-2-butene	53	9.368	9.374	(0.895)	54431	21.3712	2100
98 4-Chlorotoluene	91	9.411	9.411	(0.899)	549728	20.2626	2000
100 tert-Butylbenzene	119	9.789	9.789	(0.935)	475860	19.3315	1900
101 1,2,4-Trimethylbenzene	105	9.917	9.917	(0.948)	610324	19.9237	2000
99 Butyl Methacrylate	87	9.923	9.923	(0.948)	219351	21.3525	2100
103 sec-Butylbenzene	105	10.082	10.082	(0.963)	664660	19.8403	2000
105 1,3-Dichlorobenzene	146	10.325	10.325	(0.987)	342106	18.7102	1900
107 p-Isopropyltoluene	119	10.362	10.362	(0.990)	588413	19.3658	1900
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	664802	50.0000	
109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	354351	18.7165	1900
171 Indan	117	10.771	10.771	(2.996)	599546	16.8040	1700
102 2-Octanone	43	10.862	10.862	(1.038)	298428	26.0634	2600
110 Benzyl Chloride	91	10.941	10.941	(1.045)	413075	23.7304	2400

Data File: /chem/VOAMS5.i/8260/09-04-12/15sep12.b/e07801.d
Report Date: 19-Sep-2012 13:39

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)
106 n-Butylbenzene	91	11.057	11.057	(1.056)	511947	20.1509	2000
111 1,2-Dichlorobenzene	146	11.149	11.149	(1.065)	323855	18.5443	1800
112 1,2-Dibromo-3-chloropropane	75	12.234	12.234	(1.169)	29828	19.7288	2000
114 1,2,4-Trichlorobenzene	180	12.971	12.965	(1.239)	188942	17.9240	1800
115 Hexachlorobutadiene	225	12.996	12.990	(1.242)	77725	17.3525	1700
113 Camphor	95	13.240	13.240	(1.265)	85028	100.900	10000
116 Naphthalene	128	13.276	13.270	(1.269)	421345	19.9269	2000
117 1,2,3-Trichlorobenzene	180	13.447	13.447	(1.285)	156356	17.9695	1800
M 120 1,2-Dichloroethene (Total)	100				238918	33.4571	3300
M 121 Xylene (Total)	100				831801	58.3152	5800

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: e07801.d

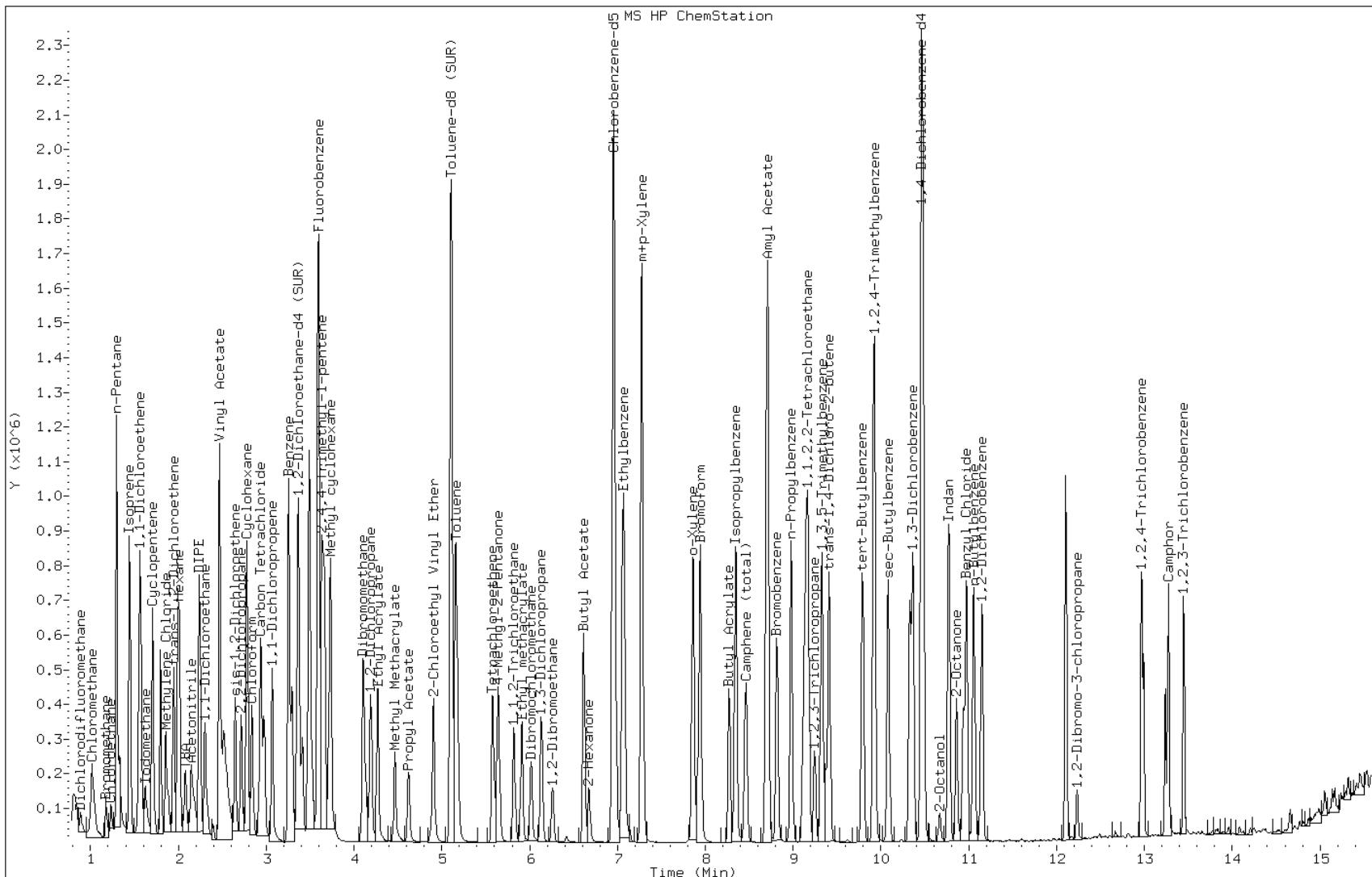
Date: 15-SEP-2012 12:11

Client ID:

Instrument: VOAMS5.i

Sample Info: LCSD

Operator: GC/MS VOAMS5



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44405-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 460-44720-A-1 MS
 Matrix: Water Lab File ID: p61671.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 09/19/2012 02:22
 Soil Aliquot Vol: _____ Dilution Factor: 5
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 128358 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	85.5		5.0	0.50
74-83-9	Bromomethane	106		5.0	0.90
75-01-4	Vinyl chloride	83.0		5.0	0.70
75-00-3	Chloroethane	118		5.0	0.85
75-09-2	Methylene Chloride	84.5		5.0	0.90
67-64-1	Acetone	91.0		25	13
75-15-0	Carbon disulfide	75.4		5.0	0.65
75-69-4	Trichlorofluoromethane	117		5.0	0.75
75-35-4	1,1-Dichloroethene	93.6		5.0	0.45
75-34-3	1,1-Dichloroethane	87.0		5.0	0.65
156-60-5	trans-1,2-Dichloroethene	88.4		5.0	0.65
156-59-2	cis-1,2-Dichloroethene	106		5.0	0.90
67-66-3	Chloroform	102		5.0	0.40
78-93-3	2-Butanone	98.4		25	12
107-06-2	1,2-Dichloroethane	101		5.0	0.95
71-55-6	1,1,1-Trichloroethane	96.3		5.0	0.30
56-23-5	Carbon tetrachloride	87.2		5.0	0.30
71-43-2	Benzene	99.3		5.0	0.40
75-25-2	Bromoform	72.3		5.0	0.95
100-42-5	Styrene	94.5		5.0	0.60
179601-23-1	m&p-Xylene	191		10	1.3
95-47-6	o-Xylene	95.1		5.0	0.65
100-41-4	Ethylbenzene	93.7		5.0	0.50
108-90-7	Chlorobenzene	97.1		5.0	0.55
110-82-7	Cyclohexane	92.7		5.0	0.80
98-82-8	Isopropylbenzene	97.0		5.0	0.40
591-78-6	2-Hexanone	78.0		25	2.5
1634-04-4	MTBE	80.8		5.0	0.70
76-13-1	Freon TF	88.5		5.0	0.40
79-20-9	Methyl acetate	67.8		10	1.7
123-91-1	1,4-Dioxane	885		250	180
79-01-6	Trichloroethene	160		5.0	0.45
108-88-3	Toluene	94.9		5.0	0.75
10061-02-6	trans-1,3-Dichloropropene	84.5		5.0	1.2
108-10-1	4-Methyl-2-pentanone	73.8		25	5.0
10061-01-5	cis-1,3-Dichloropropene	86.4		5.0	0.90

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: 460-44720-A-1 MS
Matrix: Water Lab File ID: p61671.d
Analysis Method: 8260B Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 09/19/2012 02:22
Soil Aliquot Vol: _____ Dilution Factor: 5
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 128358 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	98.8		5.0	1.1
541-73-1	1,3-Dichlorobenzene	96.7		5.0	0.70
106-46-7	1,4-Dichlorobenzene	98.6		5.0	1.2
120-82-1	1,2,4-Trichlorobenzene	99.4		5.0	1.7
87-61-6	1,2,3-Trichlorobenzene	99.2		5.0	2.6
78-87-5	1,2-Dichloropropane	97.6		5.0	0.45
108-87-2	Methylcyclohexane	92.4		5.0	0.70
127-18-4	Tetrachloroethene	97.6		5.0	0.50
96-12-8	1,2-Dibromo-3-Chloropropane	80.4		5.0	2.0
79-34-5	1,1,2,2-Tetrachloroethane	92.0		5.0	0.80
79-00-5	1,1,2-Trichloroethane	93.5		5.0	0.95
124-48-1	Dibromochloromethane	82.3		5.0	1.0
106-93-4	1,2-Dibromoethane	96.4		5.0	1.4
75-71-8	Dichlorodifluoromethane	96.0		5.0	1.1
74-97-5	Bromochloromethane	96.6		5.0	1.4
75-27-4	Bromodichloromethane	90.6		5.0	0.60

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	86		70-130
2037-26-5	Toluene-d8 (Surr)	85		70-130
460-00-4	Bromofluorobenzene	99		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: 460-44720-A-1 MSD
Matrix: Water Lab File ID: p61672.d
Analysis Method: 8260B Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 09/19/2012 02:46
Soil Aliquot Vol: _____ Dilution Factor: 5
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 128358 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	89.1		5.0	0.50
74-83-9	Bromomethane	115		5.0	0.90
75-01-4	Vinyl chloride	88.0		5.0	0.70
75-00-3	Chloroethane	118		5.0	0.85
75-09-2	Methylene Chloride	84.6		5.0	0.90
67-64-1	Acetone	91.7		25	13
75-15-0	Carbon disulfide	77.7		5.0	0.65
75-69-4	Trichlorofluoromethane	119		5.0	0.75
75-35-4	1,1-Dichloroethene	95.0		5.0	0.45
75-34-3	1,1-Dichloroethane	86.9		5.0	0.65
156-60-5	trans-1,2-Dichloroethene	89.1		5.0	0.65
156-59-2	cis-1,2-Dichloroethene	104		5.0	0.90
67-66-3	Chloroform	102		5.0	0.40
78-93-3	2-Butanone	101		25	12
107-06-2	1,2-Dichloroethane	102		5.0	0.95
71-55-6	1,1,1-Trichloroethane	97.2		5.0	0.30
56-23-5	Carbon tetrachloride	89.2		5.0	0.30
71-43-2	Benzene	100		5.0	0.40
75-25-2	Bromoform	73.1		5.0	0.95
100-42-5	Styrene	95.6		5.0	0.60
179601-23-1	m&p-Xylene	193		10	1.3
95-47-6	o-Xylene	97.2		5.0	0.65
100-41-4	Ethylbenzene	95.0		5.0	0.50
108-90-7	Chlorobenzene	98.0		5.0	0.55
110-82-7	Cyclohexane	90.7		5.0	0.80
98-82-8	Isopropylbenzene	99.2		5.0	0.40
591-78-6	2-Hexanone	78.4		25	2.5
1634-04-4	MTBE	82.5		5.0	0.70
76-13-1	Freon TF	88.6		5.0	0.40
79-20-9	Methyl acetate	68.2		10	1.7
123-91-1	1,4-Dioxane	856		250	180
79-01-6	Trichloroethene	164		5.0	0.45
108-88-3	Toluene	97.2		5.0	0.75
10061-02-6	trans-1,3-Dichloropropene	85.8		5.0	1.2
108-10-1	4-Methyl-2-pentanone	76.0		25	5.0
10061-01-5	cis-1,3-Dichloropropene	87.3		5.0	0.90

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: 460-44720-A-1 MSD
Matrix: Water Lab File ID: p61672.d
Analysis Method: 8260B Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 09/19/2012 02:46
Soil Aliquot Vol: _____ Dilution Factor: 5
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 128358 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	98.7		5.0	1.1
541-73-1	1,3-Dichlorobenzene	98.9		5.0	0.70
106-46-7	1,4-Dichlorobenzene	99.0		5.0	1.2
120-82-1	1,2,4-Trichlorobenzene	99.5		5.0	1.7
87-61-6	1,2,3-Trichlorobenzene	101		5.0	2.6
78-87-5	1,2-Dichloropropane	97.2		5.0	0.45
108-87-2	Methylcyclohexane	94.2		5.0	0.70
127-18-4	Tetrachloroethene	98.5		5.0	0.50
96-12-8	1,2-Dibromo-3-Chloropropane	81.1		5.0	2.0
79-34-5	1,1,2,2-Tetrachloroethane	92.4		5.0	0.80
79-00-5	1,1,2-Trichloroethane	93.3		5.0	0.95
124-48-1	Dibromochloromethane	81.6		5.0	1.0
106-93-4	1,2-Dibromoethane	95.7		5.0	1.4
75-71-8	Dichlorodifluoromethane	98.8		5.0	1.1
74-97-5	Bromochloromethane	95.4		5.0	1.4
75-27-4	Bromodichloromethane	91.0		5.0	0.60

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	83		70-130
2037-26-5	Toluene-d8 (Surr)	84		70-130
460-00-4	Bromofluorobenzene	98		70-130

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44405-1

SDG No.: _____

Instrument ID: VOAMS13 Start Date: 09/11/2012 19:36Analysis Batch Number: 127499 End Date: 09/11/2012 23:34

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-127499/1		09/11/2012 19:36	1	p61352.d	DB-624 0.18 (mm)
IC 460-127499/2		09/11/2012 21:33	1	p61357.d	DB-624 0.18 (mm)
IC 460-127499/3		09/11/2012 21:57	1	p61358.d	DB-624 0.18 (mm)
ICIS 460-127499/4		09/11/2012 22:21	1	p61359.d	DB-624 0.18 (mm)
IC 460-127499/5		09/11/2012 22:45	1	p61360.d	DB-624 0.18 (mm)
IC 460-127499/6		09/11/2012 23:09	1	p61361.d	DB-624 0.18 (mm)
IC 460-127499/7		09/11/2012 23:34	1	p61362.d	DB-624 0.18 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Instrument ID: VOAMS13 Start Date: 09/18/2012 20:26
Analysis Batch Number: 128358 End Date: 09/19/2012 07:14

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-128358/1		09/18/2012 20:26	1	p61657.d	DB-624 0.18 (mm)
CCVIS 460-128358/2		09/18/2012 21:10	1	p61659.d	DB-624 0.18 (mm)
MB 460-128358/3		09/18/2012 22:47	1	p61663.d	DB-624 0.18 (mm)
460-44405-2	20120910EB	09/18/2012 23:11	1	p61664.d	DB-624 0.18 (mm)
460-44405-3	20120910TB	09/18/2012 23:36	1	p61665.d	DB-624 0.18 (mm)
ZZZZZ		09/19/2012 00:00	1		DB-624 0.18 (mm)
ZZZZZ		09/19/2012 00:24	1		DB-624 0.18 (mm)
ZZZZZ		09/19/2012 00:48	1		DB-624 0.18 (mm)
ZZZZZ		09/19/2012 01:13	1		DB-624 0.18 (mm)
LCS 460-128358/10		09/19/2012 01:37	1	p61670.d	DB-624 0.18 (mm)
460-44720-A-1 MS		09/19/2012 02:22	5	p61671.d	DB-624 0.18 (mm)
460-44720-A-1 MSD		09/19/2012 02:46	5	p61672.d	DB-624 0.18 (mm)
ZZZZZ		09/19/2012 03:59	1		DB-624 0.18 (mm)
ZZZZZ		09/19/2012 04:23	1		DB-624 0.18 (mm)
ZZZZZ		09/19/2012 04:48	1		DB-624 0.18 (mm)
ZZZZZ		09/19/2012 05:12	1		DB-624 0.18 (mm)
ZZZZZ		09/19/2012 05:36	1		DB-624 0.18 (mm)
ZZZZZ		09/19/2012 06:01	1		DB-624 0.18 (mm)
ZZZZZ		09/19/2012 06:25	2		DB-624 0.18 (mm)
ZZZZZ		09/19/2012 06:49	2		DB-624 0.18 (mm)
ZZZZZ		09/19/2012 07:14	20		DB-624 0.18 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica EdisonJob No.: 460-44405-1

SDG No.:

Instrument ID: VOAMS5Start Date: 09/04/2012 09:20Analysis Batch Number: 126543End Date: 09/04/2012 18:55

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-126543/1		09/04/2012 09:20	1	e07321.d	Rtx-VMS 0.18 (mm)
IC 460-126543/2		09/04/2012 10:21	1	e07324.d	Rtx-VMS 0.18 (mm)
IC 460-126543/3		09/04/2012 10:45	1	e07325.d	Rtx-VMS 0.18 (mm)
ICIS 460-126543/4		09/04/2012 11:08	1	e07326.d	Rtx-VMS 0.18 (mm)
IC 460-126543/5		09/04/2012 11:31	1	e07327.d	Rtx-VMS 0.18 (mm)
IC 460-126543/6		09/04/2012 11:55	1	e07328.d	Rtx-VMS 0.18 (mm)
IC 460-126543/7		09/04/2012 12:18	1	e07329.d	Rtx-VMS 0.18 (mm)
ZZZZZ		09/04/2012 14:15	1		Rtx-VMS 0.18 (mm)
ZZZZZ		09/04/2012 14:15	1		Rtx-VMS 0.18 (mm)
ZZZZZ		09/04/2012 15:25	1		Rtx-VMS 0.18 (mm)
ZZZZZ		09/04/2012 15:48	1		Rtx-VMS 0.18 (mm)
ZZZZZ		09/04/2012 16:12	1		Rtx-VMS 0.18 (mm)
ZZZZZ		09/04/2012 16:35	1		Rtx-VMS 0.18 (mm)
ZZZZZ		09/04/2012 16:59	1		Rtx-VMS 0.18 (mm)
ZZZZZ		09/04/2012 17:22	1		Rtx-VMS 0.18 (mm)
ZZZZZ		09/04/2012 17:45	1		Rtx-VMS 0.18 (mm)
ZZZZZ		09/04/2012 18:09	1		Rtx-VMS 0.18 (mm)
ZZZZZ		09/04/2012 18:32	1		Rtx-VMS 0.18 (mm)
ZZZZZ		09/04/2012 18:55	1		Rtx-VMS 0.18 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Instrument ID: VOAMS5 Start Date: 09/15/2012 10:10
Analysis Batch Number: 128032 End Date: 09/15/2012 21:56

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-128032/1		09/15/2012 10:10	1	e07798.d	Rtx-VMS 0.18 (mm)
CCVIS 460-128032/2		09/15/2012 10:56	1	e07799.d	Rtx-VMS 0.18 (mm)
LCS 460-128032/3		09/15/2012 11:21	50	e07800.d	Rtx-VMS 0.18 (mm)
LCSD 460-128032/16		09/15/2012 12:11	50	e07801.d	Rtx-VMS 0.18 (mm)
MB 460-128032/17		09/15/2012 13:24	50	e07804.d	Rtx-VMS 0.18 (mm)
ZZZZZ		09/15/2012 13:48	50		Rtx-VMS 0.18 (mm)
ZZZZZ		09/15/2012 14:11	50		Rtx-VMS 0.18 (mm)
ZZZZZ		09/15/2012 14:35	50		Rtx-VMS 0.18 (mm)
ZZZZZ		09/15/2012 14:58	50		Rtx-VMS 0.18 (mm)
ZZZZZ		09/15/2012 15:21	50		Rtx-VMS 0.18 (mm)
ZZZZZ		09/15/2012 15:45	50		Rtx-VMS 0.18 (mm)
ZZZZZ		09/15/2012 16:08	50		Rtx-VMS 0.18 (mm)
ZZZZZ		09/15/2012 16:31	50		Rtx-VMS 0.18 (mm)
460-44405-1	201209105B-365VO-2N	09/15/2012 17:18	100	e07814.d	Rtx-VMS 0.18 (mm)
ZZZZZ		09/15/2012 20:46	50		Rtx-VMS 0.18 (mm)
ZZZZZ		09/15/2012 21:33	50		Rtx-VMS 0.18 (mm)
ZZZZZ		09/15/2012 21:56	50		Rtx-VMS 0.18 (mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Batch Number: 127399 Batch Start Date: 09/11/12 15:30 Batch Analyst: Jin, Fangzhou

Batch Method: 5035 Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	VM8PrepSU 00056			
460-44405-B-1	201209105B-365VO -2N	5035, 8260B	T	3.47 g	10 mL	10 mL			

Batch Notes

Basis	Basis Description
T	Total/NA

Method 8270C

**Semivolatile Organic Compounds
(GC/MS) by Method 8270C**

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Matrix: Solid Level: Low
GC Column (1): Rtx-5MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
201209105B-365VO-2 N DL	460-44405-1 DL	0 D	0 D	0 D	0 D	0 D	0 D
	MB 460-127373/1-A	100	94	94	84	98	95
	LCS 460-127373/2-A	68	69	67	65	74	73
	460-44386-B-1-E MS	91	99	82	76	93	103
	460-44386-B-1-F MSD	90	94	83	79	94	98

QC LIMITS

2FP = 2-Fluorophenol	37-125
PHL = Phenol-d5	41-118
NBZ = Nitrobenzene-d5	38-105
FBP = 2-Fluorobiphenyl	40-109
TBP = 2,4,6-Tribromophenol	10-120
TPH = Terphenyl-d14	16-151

Column to be used to flag recovery values

FORM II 8270C

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Matrix: Water Level: Low
GC Column (1): Rtx-5MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
20120910EB	460-44405-2	46	30	94	88	94	94
	MB 460-127814/1-A	44	27	102	99	101	103
	LCS 460-127814/2-A	43	25	92	88	90	84
	LCSD 460-127814/3-A	50	31	97	97	93	93

<u>QC LIMITS</u>	
2FP = 2-Fluorophenol	10-65
PHL = Phenol-d5	10-48
NBZ = Nitrobenzene-d5	56-112
FBP = 2-Fluorobiphenyl	53-108
TBP = 2,4,6-Tribromophenol	46-122
TPH = Terphenyl-d14	50-122

Column to be used to flag recovery values

FORM II 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Matrix: Solid Level: Low Lab File ID: u80438.d

Lab ID: LCS 460-127373/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Phenol	6660	5050	76	54-115	
2-Chlorophenol	6660	5110	77	56-110	
2-Methylphenol	6660	4660	70	54-117	
4-Methylphenol	6660	4680	70	47-103	
Benzaldehyde	3330	1230	37	10-160	
Acetophenone	3330	1990	60	40-95	
Bis(2-chloroethyl)ether	3330	2020	61	44-101	
2,2'-oxybis[1-chloropropane]	3330	2180	66	45-102	
N-Nitrosodi-n-propylamine	3330	2360	71	42-107	
Nitrobenzene	3330	2290	69	42-106	
Hexachloroethane	3330	1940	58	45-90	
Isophorone	3330	2080	62	48-97	
2-Nitrophenol	6660	5030	75	55-101	
2,4-Dimethylphenol	6660	5270	79	56-112	
2,4-Dichlorophenol	6660	5020	75	58-115	
Bis(2-chloroethoxy)methane	3330	2440	73	51-100	
Naphthalene	3330	2430	73	53-94	
4-Chloroaniline	3330	1890	57	10-96	
Hexachlorobutadiene	3330	2350	70	45-98	
Caprolactam	3330	1800	54	10-127	
4-Chloro-3-methylphenol	6660	5260	79	55-117	
2-Methylnaphthalene	3330	2600	78	51-98	
Hexachlorobenzene	3330	2470	74	43-104	
Hexachlorocyclopentadiene	3330	1400	42	24-98	
2,4,6-Trichlorophenol	6660	5110	77	53-118	
2,4,5-Trichlorophenol	6660	4890	73	50-115	
Diphenyl	3330	2350	70	50-105	
2-Chloronaphthalene	3330	2340	70	51-102	
2-Nitroaniline	3330	2520	76	51-109	
2,6-Dinitrotoluene	3330	2520	76	51-115	
Dimethyl phthalate	3330	2510	75	52-112	
Acenaphthylene	3330	2260	68	51-103	
3-Nitroaniline	3330	2050	62	32-104	
Acenaphthene	3330	2380	71	46-100	
4-Nitrophenol	6660	5190	78	45-114	
2,4-Dinitrophenol	6660	2130	32	10-129	
Dibenzofuran	3330	2420	73	52-106	
Diethyl phthalate	3330	2480	75	52-114	
Fluorene	3330	2520	76	51-108	
Fluoranthene	3330	2720	82	49-108	
Di-n-butyl phthalate	3330	2580	77	50-108	
2,4-Dinitrotoluene	3330	2600	78	53-110	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Matrix: Solid Level: Low Lab File ID: u80438.d

Lab ID: LCS 460-127373/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3330	2540	76	50-106	
4-Nitroaniline	3330	2470	74	45-106	
4,6-Dinitro-2-methylphenol	6660	2890	43	10-110	
4-Bromophenyl phenyl ether	3330	2510	75	44-102	
Atrazine	3330	1500	45	30-100	
Anthracene	3330	2530	76	50-107	
Carbazole	3330	2750	82	49-104	
Phenanthrene	3330	2540	76	48-108	
Pentachlorophenol	6660	4600	69	19-113	
Pyrene	3330	2410	72	49-116	
Chrysene	3330	2400	72	45-114	
Benzo[k]fluoranthene	3330	2600	78	35-115	
Benzo[g,h,i]perylene	3330	2250	67	43-106	
Benzo[b]fluoranthene	3330	2340	70	33-96	
Benzo[a]pyrene	3330	2360	71	36-89	
Benzo[a]anthracene	3330	2330	70	46-112	
N-Nitrosodiphenylamine	3330	2510	75	49-106	
Butyl benzyl phthalate	3330	2420	73	49-117	
Bis(2-ethylhexyl) phthalate	3330	2520	76	49-119	
Di-n-octyl phthalate	3330	2620	79	40-106	
Indeno[1,2,3-cd]pyrene	3330	2000	60	43-109	
Dibenz(a,h)anthracene	3330	2190	66	43-107	
3,3'-Dichlorobenzidine	3330	1910	57	24-105	
1,2,4,5-Tetrachlorobenzene	3330	2020	61	70-130	*
2,3,4,6-Tetrachlorophenol	3330	2560	77	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Matrix: Water Level: Low Lab File ID: x30176.d

Lab ID: LCS 460-127814/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Phenol	100	26.6	27	12-44	
2-Chlorophenol	100	81.0	81	53-101	
2-Methylphenol	100	64.6	65	40-90	
4-Methylphenol	100	53.6	54	30-75	
Benzaldehyde	100	137	137	52-150	
Acetophenone	100	87.1	87	68-109	
Bis(2-chloroethyl)ether	100	84.1	84	62-108	
2,2'-oxybis[1-chloropropane]	100	90.2	90	68-107	
N-Nitrosodi-n-propylamine	100	87.1	87	70-109	
Nitrobenzene	100	89.0	89	66-106	
Hexachloroethane	100	85.7	86	50-99	
Isophorone	100	86.7	87	68-108	
2-Nitrophenol	100	90.3	90	65-107	
2,4-Dimethylphenol	100	78.9	79	55-100	
2,4-Dichlorophenol	100	89.7	90	64-107	
Bis(2-chloroethoxy)methane	100	91.2	91	69-108	
Naphthalene	100	88.9	89	63-101	
4-Chloroaniline	100	76.6	77	58-105	
Hexachlorobutadiene	100	84.4	84	52-99	
Caprolactam	100	15.3	15	10-30	
4-Chloro-3-methylphenol	100	83.6	84	57-106	
2-Methylnaphthalene	100	88.0	88	66-102	
Hexachlorobenzene	100	89.1	89	65-107	
Hexachlorocyclopentadiene	100	70.5	70	40-105	
2,4,6-Trichlorophenol	100	91.1	91	67-111	
2,4,5-Trichlorophenol	100	95.2	95	67-114	
Diphenyl	100	91.2	91	66-112	
2-Chloronaphthalene	100	92.2	92	65-107	
2-Nitroaniline	100	95.9	96	73-116	
2,6-Dinitrotoluene	100	93.7	94	68-114	
Dimethyl phthalate	100	93.3	93	69-111	
Acenaphthylene	100	90.1	90	67-107	
3-Nitroaniline	100	88.9	89	59-108	
Acenaphthene	100	89.5	89	66-108	
4-Nitrophenol	100	26.4 J	26	10-44	
2,4-Dinitrophenol	100	73.9	74	19-113	
Dibenzofuran	100	91.2	91	68-105	
Diethyl phthalate	100	93.5	94	66-109	
Fluorene	100	92.5	92	68-105	
Fluoranthene	100	94.7	95	68-108	
Di-n-butyl phthalate	100	95.4	95	68-111	
2,4-Dinitrotoluene	100	95.0	95	65-113	

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Matrix: Water Level: Low Lab File ID: x30176.d

Lab ID: LCS 460-127814/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	100	92.6	93	68-105	
4-Nitroaniline	100	96.5	96	49-119	
4,6-Dinitro-2-methylphenol	100	87.6	88	58-115	
4-Bromophenyl phenyl ether	100	91.2	91	66-110	
Atrazine	100	80.7	81	56-116	
Anthracene	100	90.1	90	68-108	
Carbazole	100	93.8	94	67-110	
Phenanthrene	100	91.0	91	68-110	
Pentachlorophenol	100	85.7	86	55-116	
Pyrene	100	84.9	85	61-110	
Chrysene	100	91.0	91	68-112	
Benzo[k]fluoranthene	100	92.4	92	66-114	
Benzo[g,h,i]perylene	100	93.2	93	65-134	
Benzo[b]fluoranthene	100	82.7	83	65-111	
Benzo[a]pyrene	100	89.0	89	58-101	
Benzo[a]anthracene	100	88.0	88	65-106	
N-Nitrosodiphenylamine	100	93.1	93	71-121	
Butyl benzyl phthalate	100	93.9	94	66-115	
Bis(2-ethylhexyl) phthalate	100	94.2	94	66-114	
Di-n-octyl phthalate	100	86.0	86	51-115	
Indeno[1,2,3-cd]pyrene	100	82.5	82	68-121	
Dibenz(a,h)anthracene	100	87.8	88	67-124	
3,3'-Dichlorobenzidine	100	94.9	95	69-129	
1,2,4,5-Tetrachlorobenzene	100	85.8	86	70-130	
2,3,4,6-Tetrachlorophenol	100	92.4	92	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: x30161.d
Lab ID: LCSD 460-127814/3-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Phenol	100	32.1	32	19	30	12-44	
2-Chlorophenol	100	90.4	90	11	30	53-101	
2-Methylphenol	100	75.2	75	15	30	40-90	
4-Methylphenol	100	64.4	64	18	30	30-75	
Benzaldehyde	100	89.2	89	42	30	52-150	*
Acetophenone	100	93.1	93	7	30	68-109	
Bis(2-chloroethyl)ether	100	90.9	91	8	30	62-108	
2,2'-oxybis[1-chloropropane]	100	97.5	97	8	30	68-107	
N-Nitrosodi-n-propylamine	100	94.2	94	8	30	70-109	
Nitrobenzene	100	94.4	94	6	30	66-106	
Hexachloroethane	100	93.6	94	9	30	50-99	
Isophorone	100	90.8	91	5	30	68-108	
2-Nitrophenol	100	96.4	96	6	30	65-107	
2,4-Dimethylphenol	100	87.6	88	10	30	55-100	
2,4-Dichlorophenol	100	96.3	96	7	30	64-107	
Bis(2-chloroethoxy)methane	100	97.0	97	6	30	69-108	
Naphthalene	100	94.5	95	6	30	63-101	
4-Chloroaniline	100	78.1	78	2	30	58-105	
Hexachlorobutadiene	100	90.9	91	7	30	52-99	
Caprolactam	100	18.7	19	20	30	10-30	
4-Chloro-3-methylphenol	100	89.0	89	6	30	57-106	
2-Methylnaphthalene	100	92.6	93	5	30	66-102	
Hexachlorobenzene	100	99.2	99	11	30	65-107	
Hexachlorocyclopentadiene	100	84.2	84	18	30	40-105	
2,4,6-Trichlorophenol	100	98.9	99	8	30	67-111	
2,4,5-Trichlorophenol	100	102	102	7	30	67-114	
Diphenyl	100	101	101	10	30	66-112	
2-Chloronaphthalene	100	101	101	9	30	65-107	
2-Nitroaniline	100	101	101	6	30	73-116	
2,6-Dinitrotoluene	100	98.3	98	5	30	68-114	
Dimethyl phthalate	100	97.9	98	5	30	69-111	
Acenaphthylene	100	95.7	96	6	30	67-107	
3-Nitroaniline	100	89.4	89	1	30	59-108	
Acenaphthene	100	95.7	96	7	30	66-108	
4-Nitrophenol	100	31.3	31	17	30	10-44	
2,4-Dinitrophenol	100	81.5	81	10	30	19-113	
Dibenzofuran	100	97.4	97	7	30	68-105	
Diethyl phthalate	100	95.5	95	2	30	66-109	
Fluorene	100	97.4	97	5	30	68-105	
Fluoranthene	100	94.9	95	0	30	68-108	
Di-n-butyl phthalate	100	97.1	97	2	30	68-111	
2,4-Dinitrotoluene	100	94.4	94	1	30	65-113	

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: x30161.d
Lab ID: LCSD 460-127814/3-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
4-Chlorophenyl phenyl ether	100	99.0	99	7	30	68-105	
4-Nitroaniline	100	91.8	92	5	30	49-119	
4,6-Dinitro-2-methylphenol	100	97.0	97	10	30	58-115	
4-Bromophenyl phenyl ether	100	101	101	10	30	66-110	
Atrazine	100	82.2	82	2	30	56-116	
Anthracene	100	97.3	97	8	30	68-108	
Carbazole	100	99.0	99	5	30	67-110	
Phenanthrene	100	98.8	99	8	30	68-110	
Pentachlorophenol	100	97.4	97	13	30	55-116	
Pyrene	100	93.7	94	10	30	61-110	
Chrysene	100	98.4	98	8	30	68-112	
Benzo[k]fluoranthene	100	98.1	98	6	30	66-114	
Benzo[g,h,i]perylene	100	108	108	15	30	65-134	
Benzo[b]fluoranthene	100	91.6	92	10	30	65-111	
Benzo[a]pyrene	100	96.3	96	8	30	58-101	
Benzo[a]anthracene	100	93.0	93	6	30	65-106	
N-Nitrosodiphenylamine	100	105	105	12	30	71-121	
Butyl benzyl phthalate	100	95.9	96	2	30	66-115	
Bis(2-ethylhexyl) phthalate	100	94.5	94	0	30	66-114	
Di-n-octyl phthalate	100	80.0	80	7	30	51-115	
Indeno[1,2,3-cd]pyrene	100	84.9	85	3	30	68-121	
Dibenz(a,h)anthracene	100	96.0	96	9	30	67-124	
3,3'-Dichlorobenzidine	100	88.3	88	7	30	69-129	
1,2,4,5-Tetrachlorobenzene	100	94.6	95	10	30	70-130	
2,3,4,6-Tetrachlorophenol	100	96.4	96	4	30	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: u80447.d
Lab ID: 460-44386-B-1-E MS Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Phenol	7340	49 U	7230	98	54-115	
2-Chlorophenol	7340	48 U	7190	98	56-110	
2-Methylphenol	7340	62 U	6950	95	54-117	
4-Methylphenol	7340	72 U	7230	98	47-103	
Benzaldehyde	3670	43 U	1300	35	10-160	
Acetophenone	3670	56 U	2920	80	40-95	
Bis(2-chloroethyl)ether	3670	5.0 U	2850	78	44-101	
2,2'-oxybis[1-chloropropane]	3670	40 U	3120	85	45-102	
N-Nitrosodi-n-propylamine	3670	6.1 U	3460	94	42-107	
Nitrobenzene	3670	5.2 U	2940	80	42-106	
Hexachloroethane	3670	4.1 U	2710	74	45-90	
Isophorone	3670	44 U	2930	80	48-97	
2-Nitrophenol	7340	41 U	6470	88	55-101	
2,4-Dimethylphenol	7340	90 U	7390	101	56-112	
2,4-Dichlorophenol	7340	53 U	6990	95	58-115	
Bis(2-chloroethoxy)methane	3670	47 U	3220	88	51-100	
Naphthalene	3670	42 U	3100	85	53-94	
4-Chloroaniline	3670	96 U	2620	71	10-96	
Hexachlorobutadiene	3670	8.9 U	2750	75	45-98	
Caprolactam	3670	84 U	2870	78	10-127	
4-Chloro-3-methylphenol	7340	55 U	7820	107	55-117	
2-Methylnaphthalene	3670	47 U	3070	83	51-98	
Hexachlorobenzene	3670	5.0 U	3090	84	43-104	
Hexachlorocyclopentadiene	3670	43 U	1840	50	24-98	
2,4,6-Trichlorophenol	7340	43 U	6440	88	53-118	
2,4,5-Trichlorophenol	7340	47 U	6780	92	50-115	
Diphenyl	3670	49 U	3020	82	50-105	
2-Chloronaphthalene	3670	41 U	3060	83	51-102	
2-Nitroaniline	3670	150 U	3610	98	51-109	
2,6-Dinitrotoluene	3670	11 U	3700	101	51-115	
Dimethyl phthalate	3670	43 U	3490	95	52-112	
Acenaphthylene	3670	43 U	3110	85	51-103	
3-Nitroaniline	3670	130 U	2690	73	32-104	
Acenaphthene	3670	53 U	3230	88	46-100	
4-Nitrophenol	7340	230 U	7360	100	45-114	
2,4-Dinitrophenol	7340	210 U	5000	68	10-129	
Dibenzofuran	3670	43 U	3430	93	52-106	
Diethyl phthalate	3670	43 U	3690	101	52-114	
Fluorene	3670	47 U	3620	99	51-108	
Fluoranthene	3670	58 J	3600	96	49-108	
Di-n-butyl phthalate	3670	45 U	3570	97	50-108	
2,4-Dinitrotoluene	3670	12 U	3590	98	53-110	

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: u80447.d
Lab ID: 460-44386-B-1-E MS Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3670	43 U	3380	92	50-106	
4-Nitroaniline	3670	110 U	2990	82	45-106	
4,6-Dinitro-2-methylphenol	7340	99 U	6050	82	10-110	
4-Bromophenyl phenyl ether	3670	36 U	3160	86	44-102	
Atrazine	3670	56 U	2260	62	30-100	
Anthracene	3670	44 U	3540	97	50-107	
Carbazole	3670	43 U	3560	97	49-104	
Phenanthrene	3670	46 U	3560	97	48-108	
Pentachlorophenol	7340	110 U	4480	61	19-113	
Pyrene	3670	52 J	3840	103	49-116	
Chrysene	3670	42 J	3560	97	45-114	
Benzo[k]fluoranthene	3670	27 J	3780	102	35-115	
Benzo[g,h,i]perylene	3670	27 U	3590	98	43-106	
Benzo[b]fluoranthene	3670	41	3350	90	33-96	
Benzo[a]pyrene	3670	32 J	3470	94	36-89	F
Benzo[a]anthracene	3670	32 J	3300	89	46-112	
N-Nitrosodiphenylamine	3670	36 U	3630	99	49-106	
Butyl benzyl phthalate	3670	33 U	3750	102	49-117	
Bis(2-ethylhexyl) phthalate	3670	120 U	3620	99	49-119	
Di-n-octyl phthalate	3670	23 U	4110	112	40-106	F
Indeno[1,2,3-cd]pyrene	3670	17 J	3300	90	43-109	
Dibenz(a,h)anthracene	3670	4.6 U	3370	92	43-107	
3,3'-Dichlorobenzidine	3670	130 U	2140	58	24-105	
1,2,4,5-Tetrachlorobenzene	3670	49 U	2630	72	70-130	
2,3,4,6-Tetrachlorophenol	3670	47 U	3360	91	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: u80448.d
Lab ID: 460-44386-B-1-F MSD Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Phenol	7350	7050	96	2	30	54-115	
2-Chlorophenol	7350	6940	94	3	30	56-110	
2-Methylphenol	7350	6890	94	1	30	54-117	
4-Methylphenol	7350	7080	96	2	30	47-103	
Benzaldehyde	3670	1300	35	0	30	10-160	
Acetophenone	3670	2830	77	3	30	40-95	
Bis(2-chloroethyl)ether	3670	2710	74	5	30	44-101	
2,2'-oxybis[1-chloropropane]	3670	3070	83	2	30	45-102	
N-Nitrosodi-n-propylamine	3670	3380	92	2	30	42-107	
Nitrobenzene	3670	2840	77	3	30	42-106	
Hexachloroethane	3670	2660	72	2	30	45-90	
Isophorone	3670	2950	80	1	30	48-97	
2-Nitrophenol	7350	6700	91	3	30	55-101	
2,4-Dimethylphenol	7350	7310	99	1	30	56-112	
2,4-Dichlorophenol	7350	6830	93	2	30	58-115	
Bis(2-chloroethoxy)methane	3670	3280	89	2	30	51-100	
Naphthalene	3670	3140	85	1	30	53-94	
4-Chloroaniline	3670	2620	71	0	30	10-96	
Hexachlorobutadiene	3670	2990	81	8	30	45-98	
Caprolactam	3670	3050	83	6	30	10-127	
4-Chloro-3-methylphenol	7350	7940	108	1	30	55-117	
2-Methylnaphthalene	3670	3480	95	13	30	51-98	
Hexachlorobenzene	3670	3150	86	2	30	43-104	
Hexachlorocyclopentadiene	3670	1910	52	3	30	24-98	
2,4,6-Trichlorophenol	7350	6500	88	1	30	53-118	
2,4,5-Trichlorophenol	7350	6810	93	0	30	50-115	
Diphenyl	3670	3090	84	2	30	50-105	
2-Chloronaphthalene	3670	2930	80	4	30	51-102	
2-Nitroaniline	3670	3320	90	8	30	51-109	
2,6-Dinitrotoluene	3670	3560	97	4	30	51-115	
Dimethyl phthalate	3670	3510	96	0	30	52-112	
Acenaphthylene	3670	3210	87	3	30	51-103	
3-Nitroaniline	3670	2810	76	4	30	32-104	
Acenaphthene	3670	3240	88	0	30	46-100	
4-Nitrophenol	7350	6900	94	6	30	45-114	
2,4-Dinitrophenol	7350	4130	56	19	30	10-129	
Dibenzofuran	3670	3510	96	2	30	52-106	
Diethyl phthalate	3670	3600	98	3	30	52-114	
Fluorene	3670	3490	95	4	30	51-108	
Fluoranthene	3670	3350	90	7	30	49-108	
Di-n-butyl phthalate	3670	3470	95	3	30	50-108	
2,4-Dinitrotoluene	3670	3630	99	1	30	53-110	

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: u80448.d
Lab ID: 460-44386-B-1-F MSD Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
4-Chlorophenyl phenyl ether	3670	3600	98	6	30	50-106	
4-Nitroaniline	3670	3020	82	1	30	45-106	
4,6-Dinitro-2-methylphenol	7350	5610	76	7	30	10-110	
4-Bromophenyl phenyl ether	3670	3120	85	1	30	44-102	
Atrazine	3670	2080	57	8	30	30-100	
Anthracene	3670	3490	95	2	30	50-107	
Carbazole	3670	3480	95	2	30	49-104	
Phenanthrene	3670	3480	95	2	30	48-108	
Pentachlorophenol	7350	4310	59	4	30	19-113	
Pyrene	3670	3580	96	7	30	49-116	
Chrysene	3670	3450	94	3	30	45-114	
Benzo[k]fluoranthene	3670	3670	99	3	30	35-115	
Benzo[g,h,i]perylene	3670	3300	90	9	30	43-106	
Benzo[b]fluoranthene	3670	3170	85	6	30	33-96	
Benzo[a]pyrene	3670	3360	91	3	30	36-89	F
Benzo[a]anthracene	3670	3260	88	1	30	46-112	
N-Nitrosodiphenylamine	3670	3400	93	6	30	49-106	
Butyl benzyl phthalate	3670	3420	93	9	30	49-117	
Bis(2-ethylhexyl) phthalate	3670	3730	101	3	30	49-119	
Di-n-octyl phthalate	3670	3680	100	11	30	40-106	
Indeno[1,2,3-cd]pyrene	3670	3130	85	6	30	43-109	
Dibenz(a,h)anthracene	3670	3180	87	6	30	43-107	
3,3'-Dichlorobenzidine	3670	2060	56	4	30	24-105	
1,2,4,5-Tetrachlorobenzene	3670	2600	71	1	30	70-130	
2,3,4,6-Tetrachlorophenol	3670	3420	93	2	30	70-130	

Column to be used to flag recovery and RPD values

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Lab File ID: u80439.d Lab Sample ID: MB 460-127373/1-A
Matrix: Solid Date Extracted: 09/11/2012 12:56
Instrument ID: BNAMS4 Date Analyzed: 09/12/2012 02:21
Level: (Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-127373/2-A	u80438.d	09/12/2012 02:01
	460-44386-B-1-E MS	u80447.d	09/12/2012 05:13
	460-44386-B-1-F MSD	u80448.d	09/12/2012 05:33
201209105B-365VO-2N DL	460-44405-1 DL	u80461.d	09/12/2012 10:11

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Lab File ID: x30159.d Lab Sample ID: MB 460-127814/1-A
Matrix: Water Date Extracted: 09/14/2012 08:04
Instrument ID: BNAMS5 Date Analyzed: 09/17/2012 01:25
Level: (Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCSD 460-127814/3-A	x30161.d	09/17/2012 02:15
20120910EB	460-44405-2	x30162.d	09/17/2012 02:40
	LCS 460-127814/2-A	x30176.d	09/17/2012 13:42

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.:

Lab File ID: u80336.d DFTPP Injection Date: 09/07/2012

Instrument ID: BNAMS4 DFTPP Injection Time: 16:08

Analysis Batch No.: 127157

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0 % of mass 198	40.2
68	Less than 2.0 % of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	58.2
70	Less than 2.0 % of mass 69	0.1 (0.1)1
127	40.0 - 60.0 % of mass 198	47.1
197	Less than 1.0 % of mass 198	0.0
198	Base Peak, 100 % relative abundance	100.0
199	5.0- 9.0 % of mass 198	6.9
275	10.0 - 30.0 % of mass 198	17.8
365	Greater than 1.0 % of mass 198	2.4
441	Present but less than mass 443	9.0 (80.2)1
442	Greater than 40.0 % of mass 198	56.0
443	17.0 - 23.0 % of mass 442	11.2 (20.1)2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-127157/2	u80337.d	09/07/2012	16:24
	IC 460-127157/3	u80338.d	09/07/2012	16:43
	IC 460-127157/4	u80339.d	09/07/2012	17:03
	IC 460-127157/5	u80340.d	09/07/2012	17:23
	IC 460-127157/6	u80341.d	09/07/2012	17:43
	IC 460-127157/7	u80342.d	09/07/2012	18:03

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Lab File ID: u80436.d DFTPP Injection Date: 09/12/2012
Instrument ID: BNAMS4 DFTPP Injection Time: 00:41
Analysis Batch No.: 127512

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0 % of mass 198	35.7
68	Less than 2.0 % of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	54.5
70	Less than 2.0 % of mass 69	0.2 (0.4)1
127	40.0 - 60.0 % of mass 198	45.1
197	Less than 1.0 % of mass 198	0.0
198	Base Peak, 100 % relative abundance	100.0
199	5.0- 9.0 % of mass 198	6.5
275	10.0 - 30.0 % of mass 198	18.5
365	Greater than 1.0 % of mass 198	2.7
441	Present but less than mass 443	11.0 (85.3)1
442	Greater than 40.0 % of mass 198	65.8
443	17.0 - 23.0 % of mass 442	12.9 (19.6)2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-127512/2	u80437.d	09/12/2012	01:21
	LCS 460-127373/2-A	u80438.d	09/12/2012	02:01
	MB 460-127373/1-A	u80439.d	09/12/2012	02:21
	460-44386-B-1-E MS	u80447.d	09/12/2012	05:13
	460-44386-B-1-F MSD	u80448.d	09/12/2012	05:33
201209105B-365VO-2N DL	460-44405-1 DL	u80461.d	09/12/2012	10:11

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Lab File ID: x30143.d DFTPP Injection Date: 09/16/2012
Instrument ID: BNAMS5 DFTPP Injection Time: 13:48
Analysis Batch No.: 128111

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0 % of mass 198	41.3
68	Less than 2.0 % of mass 69	0.7 (1.6)1
69	Mass 69 relative abundance	40.8
70	Less than 2.0 % of mass 69	0.2 (0.6)1
127	40.0 - 60.0 % of mass 198	52.1
197	Less than 1.0 % of mass 198	0.6
198	Base Peak, 100 % relative abundance	100.0
199	5.0- 9.0 % of mass 198	6.5
275	10.0 - 30.0 % of mass 198	29.6
365	Greater than 1.0 % of mass 198	5.0
441	Present but less than mass 443	15.4 (77.3)1
442	Greater than 40.0 % of mass 198	103.7
443	17.0 - 23.0 % of mass 442	20.0 (19.3)2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-128111/2	x30144.d	09/16/2012	14:29
	IC 460-128111/3	x30145.d	09/16/2012	14:54
	IC 460-128111/4	x30146.d	09/16/2012	15:19
	IC 460-128111/5	x30147.d	09/16/2012	15:44
	IC 460-128111/6	x30148.d	09/16/2012	16:09
	IC 460-128111/7	x30149.d	09/16/2012	16:34

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Lab File ID: x30151.d DFTPP Injection Date: 09/16/2012
Instrument ID: BNAMS5 DFTPP Injection Time: 21:50
Analysis Batch No.: 128115

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0 % of mass 198	42.2
68	Less than 2.0 % of mass 69	0.7 (1.6)1
69	Mass 69 relative abundance	41.8
70	Less than 2.0 % of mass 69	0.2 (0.6)1
127	40.0 - 60.0 % of mass 198	51.7
197	Less than 1.0 % of mass 198	0.6
198	Base Peak, 100 % relative abundance	100.0
199	5.0- 9.0 % of mass 198	6.7
275	10.0 - 30.0 % of mass 198	29.9
365	Greater than 1.0 % of mass 198	4.7
441	Present but less than mass 443	15.7 (80.7)1
442	Greater than 40.0 % of mass 198	102.6
443	17.0 - 23.0 % of mass 442	19.5 (19.0)2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-128115/2	x30152.d	09/16/2012	22:10
	MB 460-127814/1-A	x30159.d	09/17/2012	01:25
	LCSD 460-127814/3-A	x30161.d	09/17/2012	02:15
20120910EB	460-44405-2	x30162.d	09/17/2012	02:40

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Lab File ID: x30165.d DFTPP Injection Date: 09/17/2012
Instrument ID: BNAMS5 DFTPP Injection Time: 08:55
Analysis Batch No.: 128299

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0 % of mass 198	43.5
68	Less than 2.0 % of mass 69	0.8 (1.8)1
69	Mass 69 relative abundance	43.9
70	Less than 2.0 % of mass 69	0.3 (0.8)1
127	40.0 - 60.0 % of mass 198	53.4
197	Less than 1.0 % of mass 198	0.3
198	Base Peak, 100 % relative abundance	100.0
199	5.0- 9.0 % of mass 198	7.1
275	10.0 - 30.0 % of mass 198	29.2
365	Greater than 1.0 % of mass 198	5.0
441	Present but less than mass 443	15.5 (76.6)1
442	Greater than 40.0 % of mass 198	102.9
443	17.0 - 23.0 % of mass 442	20.2 (19.6)2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-128299/2	x30166.d	09/17/2012	09:10
	LCS 460-127814/2-A	x30176.d	09/17/2012	13:42

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Sample No.: CCVIS 460-127512/2 Date Analyzed: 09/12/2012 01:21
Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25 (mm)
Lab File ID (Standard): u80437.d Heated Purge: (Y/N) N
Calibration ID: 17366

	DCB		NPT		ANT	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD	346509	3.37	1373311	4.69	819029	6.45
UPPER LIMIT	693018	3.87	2746622	5.19	1638058	6.95
LOWER LIMIT	173255	2.87	686656	4.19	409515	5.95
LAB SAMPLE ID	CLIENT SAMPLE ID					
LCS 460-127373/2-A		433269	3.37	1588202	4.69	1047150
MB 460-127373/1-A		260070	3.37	934484	4.68	675629
460-44386-B-1-E MS		301834	3.37	1245167	4.69	874065
460-44386-B-1-F MSD		306295	3.37	1226976	4.69	873296
460-44405-1 DL	201209105B-365VO-2N DL	307197	3.36	1160621	4.68	591583

DCB = 1,4-Dichlorobenzene-d4

NPT = Naphthalene-d8

ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area

RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Sample No.: CCVIS 460-127512/2 Date Analyzed: 09/12/2012 01:21
Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25 (mm)
Lab File ID (Standard): u80437.d Heated Purge: (Y/N) N
Calibration ID: 17366

	PHN		CRY		PRY		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	1315599	7.90	939039	10.50	835040	12.15	
UPPER LIMIT	2631198	8.40	1878078	11.00	1670080	12.65	
LOWER LIMIT	657800	7.40	469520	10.00	417520	11.65	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-127373/2-A		1715835	7.90	1291916	10.50	1067938	12.15
MB 460-127373/1-A		1355869	7.89	1177331	10.49	966448	12.14
460-44386-B-1-E MS		1462419	7.90	985865	10.49	778988	12.15
460-44386-B-1-F MSD		1493943	7.90	1023298	10.49	827240	12.15
460-44405-1 DL	201209105B-365VO-2N DL	948946	7.98	901074	10.49	973443	12.15

PHN = Phenanthrene-d10

CRY = Chrysene-d12

PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area

RT Limit = \pm 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Sample No.: CCVIS 460-128115/2 Date Analyzed: 09/16/2012 22:10
Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25 (mm)
Lab File ID (Standard): x30152.d Heated Purge: (Y/N) N
Calibration ID: 17518

	DCB		NPT		ANT	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD	817832	4.55	3038719	5.83	1457846	7.58
UPPER LIMIT	1635664	5.05	6077438	6.33	2915692	8.08
LOWER LIMIT	408916	4.05	1519360	5.33	728923	7.08
LAB SAMPLE ID	CLIENT SAMPLE ID					
MB 460-127814/1-A		861258	4.55	3280638	5.82	1660007
LCSD 460-127814/3-A		856527	4.55	3067521	5.83	1380318
460-44405-2	20120910EB	940891	4.55	3606865	5.82	1877840

DCB = 1,4-Dichlorobenzene-d4

NPT = Naphthalene-d8

ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area

RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Sample No.: CCVIS 460-128115/2 Date Analyzed: 09/16/2012 22:10
Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25 (mm)
Lab File ID (Standard): x30152.d Heated Purge: (Y/N) N
Calibration ID: 17518

	PHN		CRY		PRY	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD	1779266	9.05	821281	11.86	514325	13.82
UPPER LIMIT	3558532	9.55	1642562	12.36	1028650	14.32
LOWER LIMIT	889633	8.55	410641	11.36	257163	13.32
LAB SAMPLE ID	CLIENT SAMPLE ID					
MB 460-127814/1-A		2170145	9.04	1062216	11.85	654669
LCSD 460-127814/3-A		1611531	9.04	767786	11.85	532060
460-44405-2	20120910EB	2488597	9.04	1239012	11.85	759370
						13.81

PHN = Phenanthrene-d10

CRY = Chrysene-d12

PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area

RT Limit = \pm 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Sample No.: CCVIS 460-128299/2 Date Analyzed: 09/17/2012 09:10
Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25 (mm)
Lab File ID (Standard): x30166.d Heated Purge: (Y/N) N
Calibration ID: 17518

	DCB		NPT		ANT	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD	766249	4.55	2711721	5.82	1270935	7.57
UPPER LIMIT	1532498	5.05	5423442	6.32	2541870	8.07
LOWER LIMIT	383125	4.05	1355861	5.32	635468	7.07
LAB SAMPLE ID	CLIENT SAMPLE ID					
LCS 460-127814/2-A		953884	4.55	3347345	5.82	1573365
						7.57

DCB = 1,4-Dichlorobenzene-d4

NPT = Naphthalene-d8

ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area

RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Sample No.: CCVIS 460-128299/2 Date Analyzed: 09/17/2012 09:10
Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25 (mm)
Lab File ID (Standard): x30166.d Heated Purge: (Y/N) N
Calibration ID: 17518

	PHN		CRY		PRY	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD	1676395	9.03	1054779	11.84	650715	13.79
UPPER LIMIT	3352790	9.53	2109558	12.34	1301430	14.29
LOWER LIMIT	838198	8.53	527390	11.34	325358	13.29
LAB SAMPLE ID	CLIENT SAMPLE ID					
LCS 460-127814/2-A		1997330	9.03	1067928	11.84	724452
						13.80

PHN = Phenanthrene-d10

CRY = Chrysene-d12

PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area

RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Client Sample ID: 201209105B-365VO-2N DL

Lab Sample ID: 460-44405-1 DL

Matrix: Solid

Lab File ID: u80461.d

Analysis Method: 8270C

Date Collected: 09/10/2012 11:10

Extract. Method: 3541

Date Extracted: 09/11/2012 12:56

Sample wt/vol: 15.00(g)

Date Analyzed: 09/12/2012 10:11

Con. Extract Vol.: 1(mL)

Dilution Factor: 10

Injection Volume: 1(uL)

Level: (low/med) Low

% Moisture: 29.1

GPC Cleanup:(Y/N) N

Analysis Batch No.: 127512

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	58000	D	4700	630
95-57-8	2-Chlorophenol	610	U	4700	610
95-48-7	2-Methylphenol	800	U	4700	800
106-44-5	4-Methylphenol	920	U	4700	920
100-52-7	Benzaldehyde	550	U	4700	550
98-86-2	Acetophenone	720	U	4700	720
111-44-4	Bis(2-chloroethyl)ether	2100	D	470	64
108-60-1	2,2'-oxybis[1-chloropropane]	520	U	4700	520
621-64-7	N-Nitrosodi-n-propylamine	78	U	470	78
98-95-3	Nitrobenzene	66	U	470	66
67-72-1	Hexachloroethane	52	U	470	52
78-59-1	Isophorone	570	U	4700	570
88-75-5	2-Nitrophenol	520	U	4700	520
105-67-9	2,4-Dimethylphenol	1200	U	4700	1200
120-83-2	2,4-Dichlorophenol	680	U	4700	680
111-91-1	Bis(2-chloroethoxy)methane	600	U	4700	600
91-20-3	Naphthalene	540	U	4700	540
106-47-8	4-Chloroaniline	1200	U	4700	1200
87-68-3	Hexachlorobutadiene	110	U	940	110
105-60-2	Caprolactam	1100	U	4700	1100
59-50-7	4-Chloro-3-methylphenol	700	U	4700	700
91-57-6	2-Methylnaphthalene	600	U	4700	600
118-74-1	Hexachlorobenzene	64	U	470	64
77-47-4	Hexachlorocyclopentadiene	550	U	4700	550
88-06-2	2,4,6-Trichlorophenol	550	U	4700	550
95-95-4	2,4,5-Trichlorophenol	600	U	4700	600
92-52-4	Diphenyl	620	U	4700	620
91-58-7	2-Chloronaphthalene	520	U	4700	520
88-74-4	2-Nitroaniline	1900	U	9400	1900
606-20-2	2,6-Dinitrotoluene	140	U	940	140
131-11-3	Dimethyl phthalate	550	U	4700	550
208-96-8	Acenaphthylene	550	U	4700	550
99-09-2	3-Nitroaniline	1600	U	9400	1600
83-32-9	Acenaphthene	680	U	4700	680

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Client Sample ID: 201209105B-365VO-2N DL

Lab Sample ID: 460-44405-1 DL

Matrix: Solid

Lab File ID: u80461.d

Analysis Method: 8270C

Date Collected: 09/10/2012 11:10

Extract. Method: 3541

Date Extracted: 09/11/2012 12:56

Sample wt/vol: 15.00(g)

Date Analyzed: 09/12/2012 10:11

Con. Extract Vol.: 1(mL)

Dilution Factor: 10

Injection Volume: 1(uL)

Level: (low/med) Low

% Moisture: 29.1

GPC Cleanup:(Y/N) N

Analysis Batch No.: 127512

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	3000	U	14000	3000
51-28-5	2,4-Dinitrophenol	2700	U	14000	2700
132-64-9	Dibenzofuran	550	U	4700	550
84-66-2	Diethyl phthalate	560	U	4700	560
86-73-7	Fluorene	600	U	4700	600
206-44-0	Fluoranthene	1900	J D	4700	620
84-74-2	Di-n-butyl phthalate	580	U	4700	580
121-14-2	2,4-Dinitrotoluene	150	U	940	150
7005-72-3	4-Chlorophenyl phenyl ether	550	U	4700	550
100-01-6	4-Nitroaniline	1500	U	9400	1500
534-52-1	4,6-Dinitro-2-methylphenol	1300	U	14000	1300
101-55-3	4-Bromophenyl phenyl ether	460	U	4700	460
1912-24-9	Atrazine	720	U	4700	720
120-12-7	Anthracene	570	U	4700	570
86-74-8	Carbazole	550	U	4700	550
85-01-8	Phenanthrene	590	U	4700	590
87-86-5	Pentachlorophenol	1400	U	14000	1400
129-00-0	Pyrene	1300	J D	4700	390
218-01-9	Chrysene	800	J D	4700	540
207-08-9	Benzo[k]fluoranthene	330	J D	470	35
191-24-2	Benzo[g,h,i]perylene	390	J D	4700	350
205-99-2	Benzo[b]fluoranthene	860	D	470	29
50-32-8	Benzo[a]pyrene	710	D	470	33
56-55-3	Benzo[a]anthracene	700	D	470	33
86-30-6	N-Nitrosodiphenylamine	460	U	4700	460
85-68-7	Butyl benzyl phthalate	430	U	4700	430
117-81-7	Bis(2-ethylhexyl) phthalate	86000	D	4700	1600
117-84-0	Di-n-octyl phthalate	300	U	4700	300
193-39-5	Indeno[1,2,3-cd]pyrene	340	J D	470	87
53-70-3	Dibenz(a,h)anthracene	140	J D	470	59
91-94-1	3,3'-Dichlorobenzidine	1600	U	9400	1600
95-94-3	1,2,4,5-Tetrachlorobenzene	630	U *	4700	630
58-90-2	2,3,4,6-Tetrachlorophenol	610	U	4700	610

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-44405-1</u>
SDG No.:	
Client Sample ID: <u>201209105B-365VO-2N DL</u>	Lab Sample ID: <u>460-44405-1 DL</u>
Matrix: <u>Solid</u>	Lab File ID: <u>u80461.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>09/10/2012 11:10</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>09/11/2012 12:56</u>
Sample wt/vol: <u>15.00(g)</u>	Date Analyzed: <u>09/12/2012 10:11</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>10</u>
Injection Volume: <u>1(uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: <u>29.1</u>	GPC Cleanup:(Y/N) <u>N</u>
Analysis Batch No.: <u>127512</u>	Units: <u>ug/Kg</u>

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	0	D	38-105
4165-62-2	Phenol-d5	0	D	41-118
1718-51-0	Terphenyl-d14	0	D	16-151
118-79-6	2,4,6-Tribromophenol	0	D	10-120
367-12-4	2-Fluorophenol	0	D	37-125
321-60-8	2-Fluorobiphenyl	0	D	40-109

Data File: /chem/BNAMS4.i/8270T/09-07-12/12sep12.b/u80461.d
Report Date: 12-Sep-2012 10:46

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/09-07-12/12sep12.b/u80461.d
Lab Smp Id: 460-44405-E-1-A Client Smp ID: 201209105B-365VO-2N
Inj Date : 12-SEP-2012 10:11
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-44405-E-1-A
Misc Info : 460-44405-E-1-A
Comment :
Method : /chem/BNAMS4.i/8270T/09-07-12/12sep12.b/8270C_11.m
Meth Date : 12-Sep-2012 01:48 asfawa Quant Type: ISTD
Cal Date : 07-SEP-2012 16:43 Cal File: u80338.d
Als bottle: 25
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)
1 Phenol	94	3.071	3.092	(0.914)	906084	61.1807	41000
20 bis(2-Chloroethyl)ether	93	3.108	3.122	(0.925)	28058	2.22532	1500
* 79 1,4-Dichlorobenzene-d4	152	3.359	3.366	(1.000)	307197	40.0000	
4 4-Methylphenol	108	3.881	3.880	(1.155)	1386	0.11815	79(a)
123 3 & 4 Methylphenol	108	3.881	3.880	(1.155)	1386	0.11781	78(a)
* 80 Naphthalene-d8	136	4.683	4.688	(1.000)	1160621	40.0000	
31 Naphthalene	128	4.697	4.711	(1.003)	10541	0.33880	220(a)
34 2-Methylnaphthalene	142	5.417	5.418	(1.157)	3401	0.18424	120(a)
120 1-Methylnaphthalene	142	5.507	5.515	(1.176)	3591	0.18738	120(a)
* 82 Acenaphthene-d10	164	6.439	6.450	(1.000)	591583	40.0000	
* 83 Phenanthrene-d10	188	7.977	7.900	(1.000)	948946	40.0000	(H)
56 Fluoranthene	202	9.104	9.085	(1.156)	52233	1.98078	1300(a)
57 Pyrene	202	9.307	9.297	(0.887)	50568	1.42314	950(a)

Data File: /chem/BNAMS4.i/8270T/09-07-12/12sep12.b/u80461.d
Report Date: 12-Sep-2012 10:46

Compounds	QUANT SIG	CONCENTRATIONS						
		MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	FINAL
61 Benzo(a)anthracene	228	10.480	10.485	(0.999)		21234	0.74888	500
* 81 Chrysene-d12	240	10.487	10.499	(1.000)		901074	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	10.553	10.565	(1.006)		2018001	91.7358	61000
62 Chrysene	228	10.508	10.528	(1.002)		21446	0.85260	570(a)
65 Benzo(b)fluoranthene	252	11.686	11.693	(0.962)		25471	0.91627	610(M)
66 Benzo(k)fluoranthene	252	11.716	11.730	(0.964)		9592	0.35250	230(aM)
67 Benzo(a)pyrene	252	12.075	12.085	(0.994)		17136	0.75981	510
* 84 Perylene-d12	264	12.147	12.150	(1.000)		973443	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.485	13.494	(1.110)		9447	0.36407	240(a)
69 Dibenz(a,h)anthracene	278	13.499	13.516	(1.111)		3823	0.15160	100(a)
70 Benzo(g,h,i)perylene	276	13.805	13.818	(1.136)		10108	0.42009	280(a)

QC Flag Legend

- a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: u80461.d

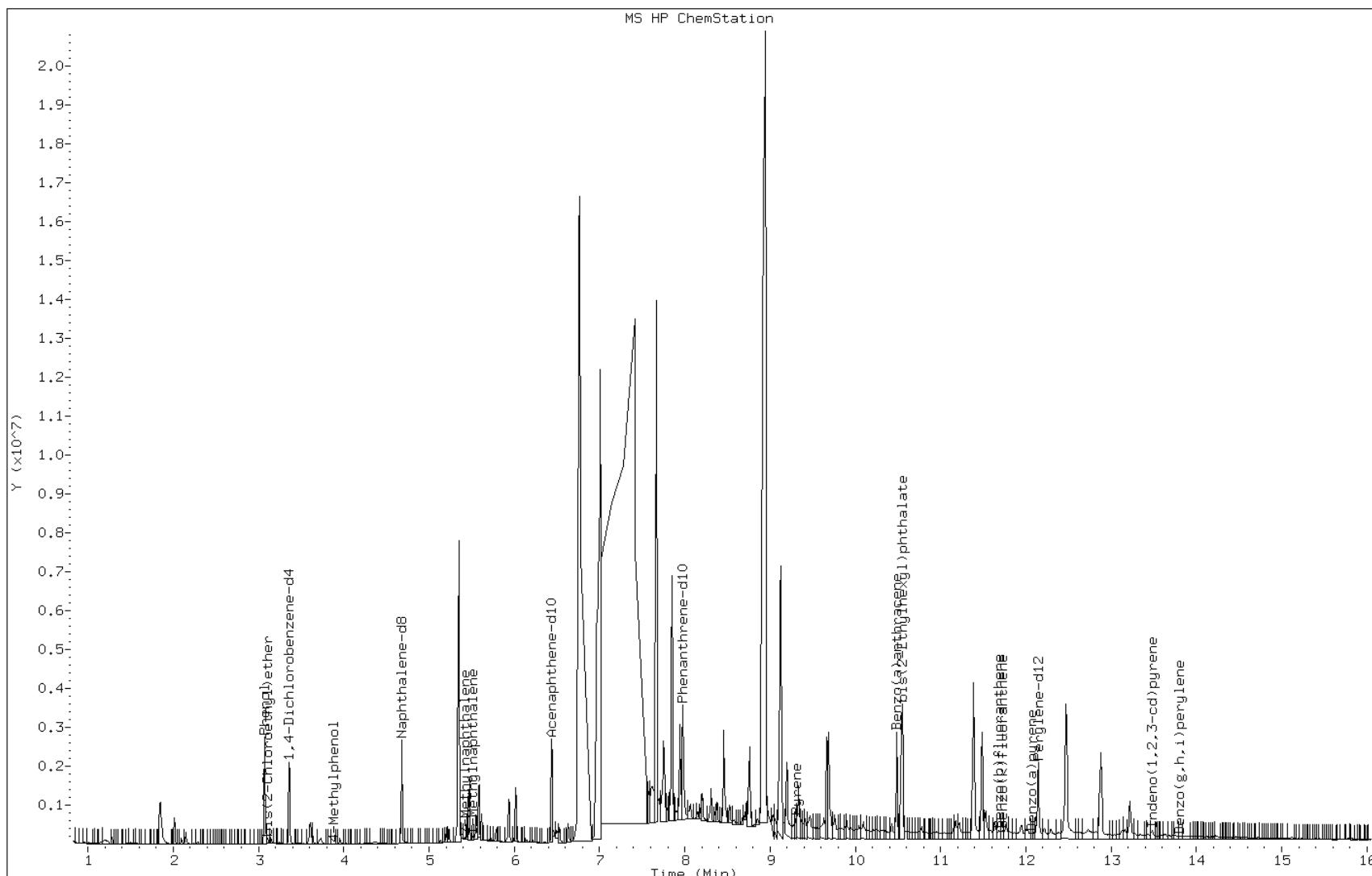
Date: 12-SEP-2012 10:11

Client ID: 201209105B-365VO-2N

Instrument: BNAMS4.i

Sample Info: 460-44405-E-1-A

Operator: BNAMS 4



Data File: u80461.d

Date: 12-SEP-2012 10:11

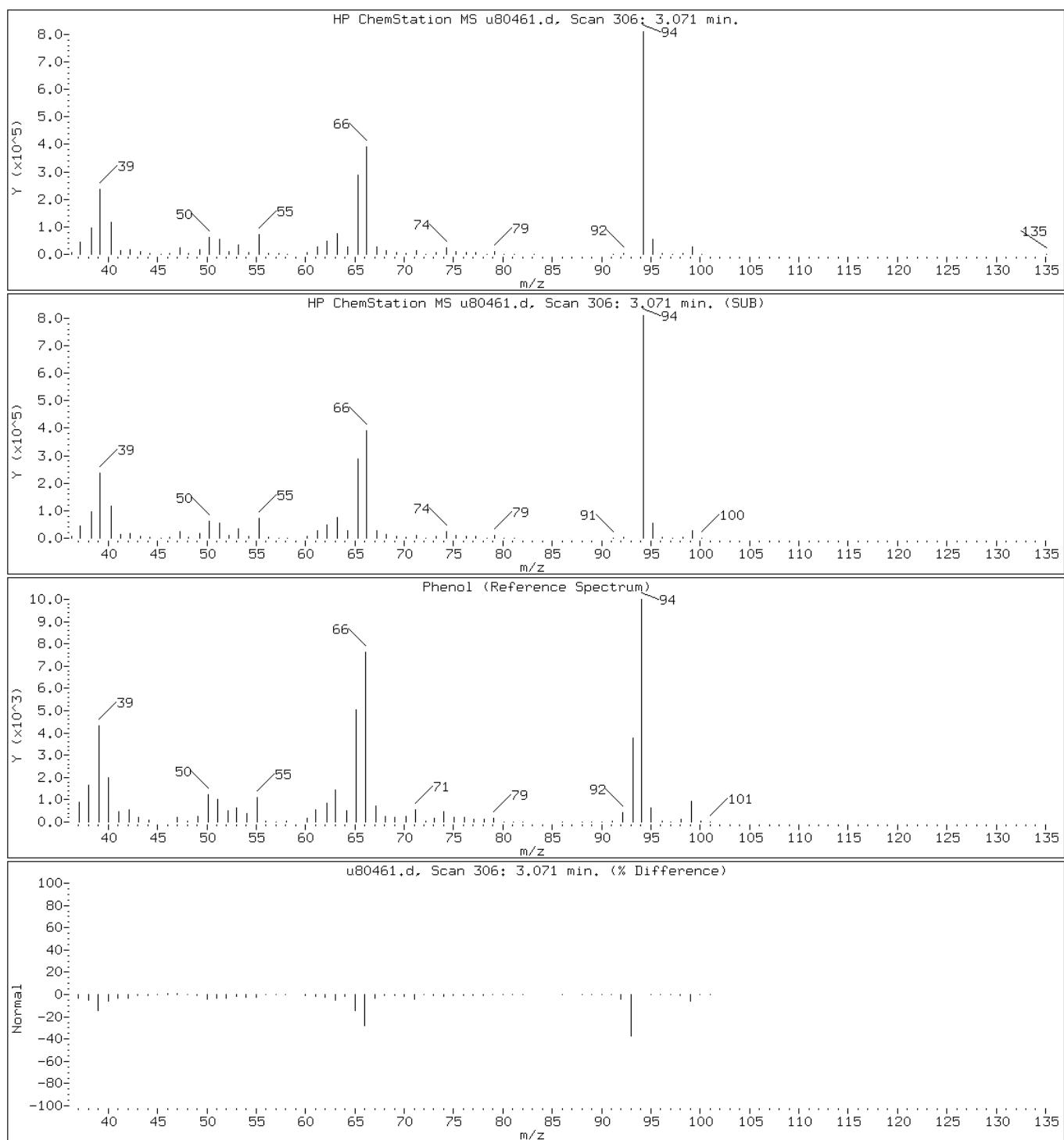
Client ID: 201209105B-365VO-2N

Instrument: BNAMS4.i

Sample Info: 460-44405-E-1-A

Operator: BNAMS 4

1 Phenol



Data File: u80461.d

Date: 12-SEP-2012 10:11

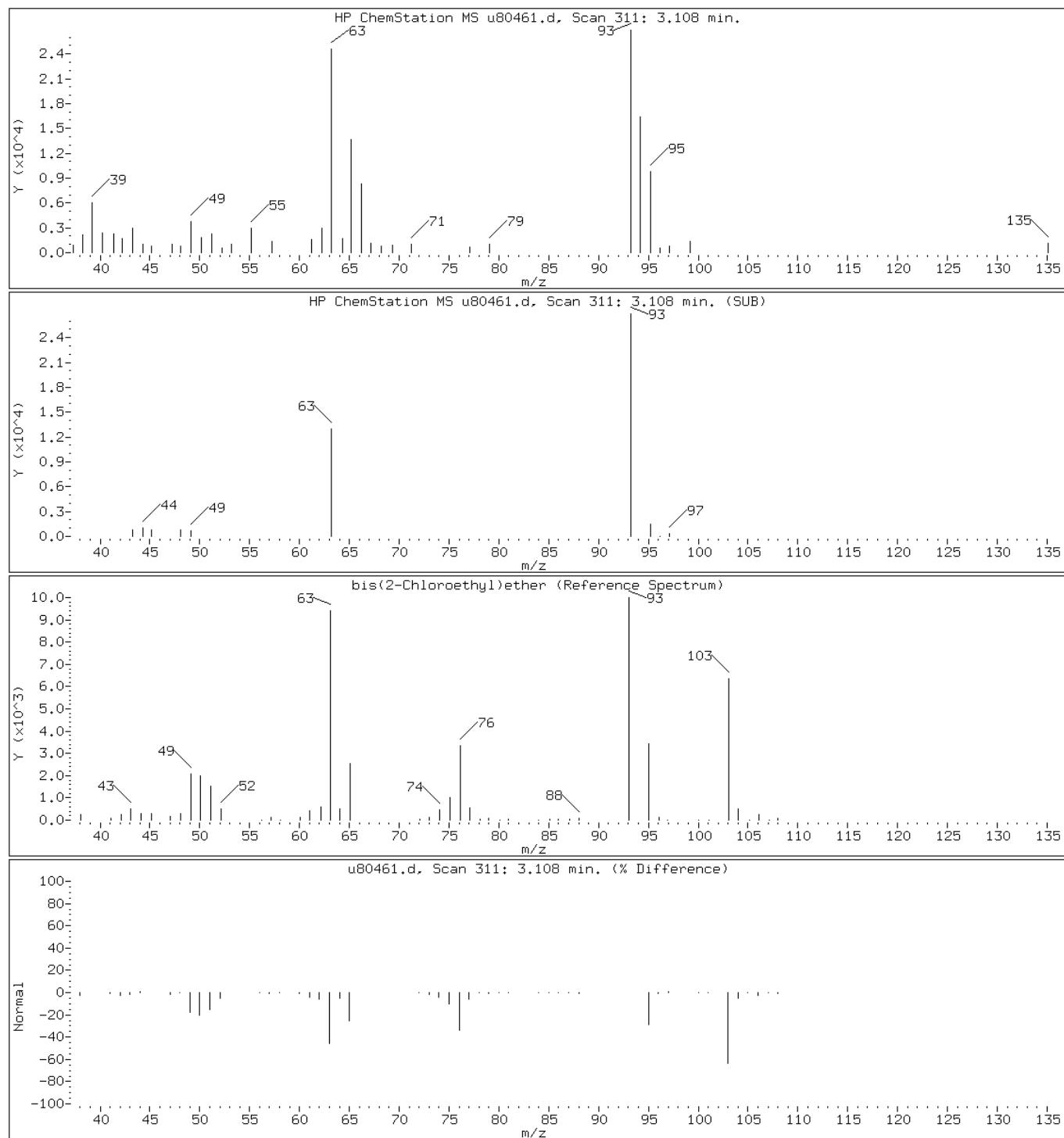
Client ID: 201209105B-365VO-2N

Instrument: BNAMS4.i

Sample Info: 460-44405-E-1-A

Operator: BNAMS 4

20 bis(2-Chloroethyl)ether



Data File: u80461.d

Date: 12-SEP-2012 10:11

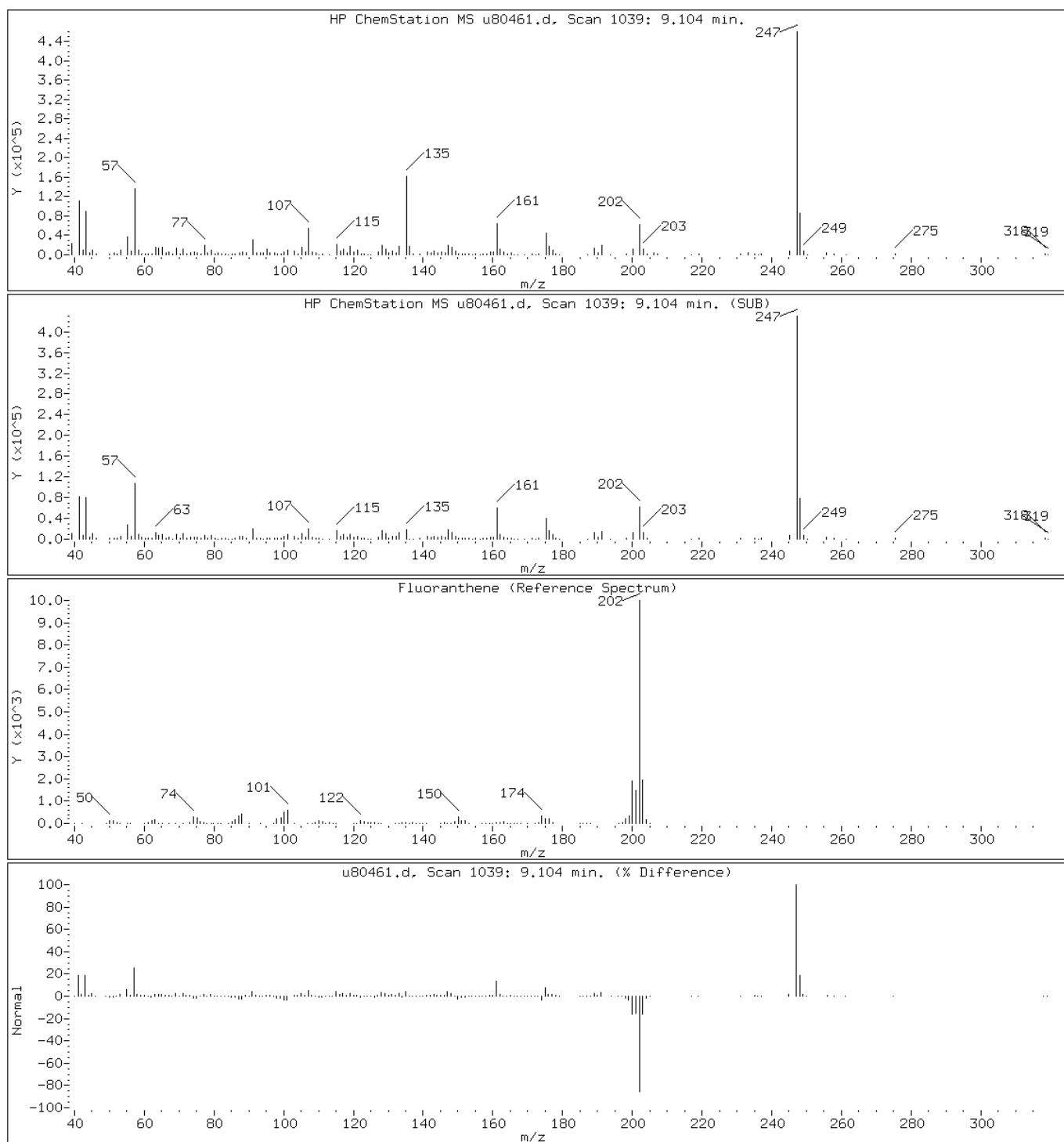
Client ID: 201209105B-365VO-2N

Instrument: BNAMS4.i

Sample Info: 460-44405-E-1-A

Operator: BNAMS 4

56 Fluoranthene



Data File: u80461.d

Date: 12-SEP-2012 10:11

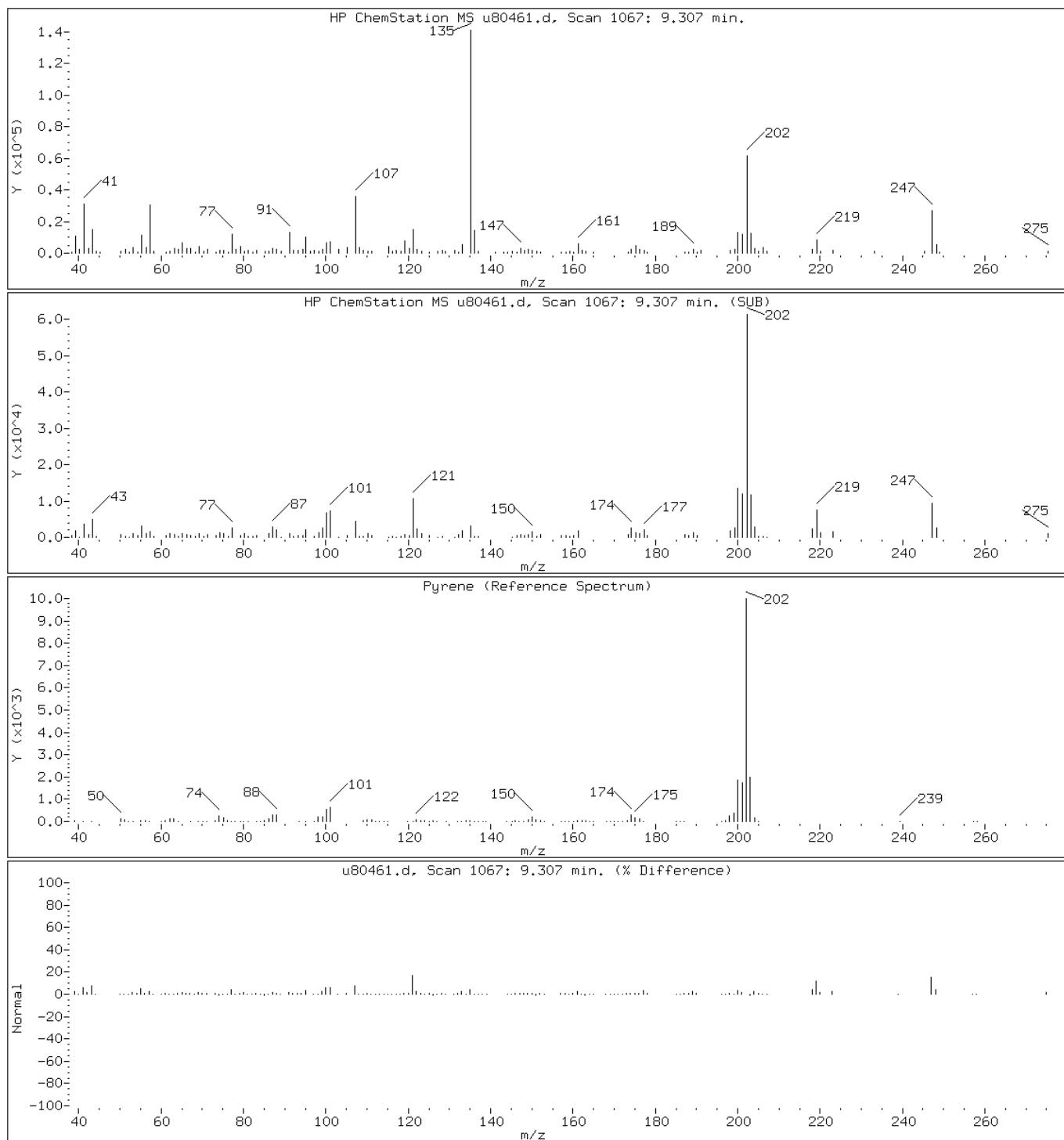
Client ID: 201209105B-365VO-2N

Instrument: BNAMS4.i

Sample Info: 460-44405-E-1-A

Operator: BNAMS 4

57 Pyrene



Data File: u80461.d

Date: 12-SEP-2012 10:11

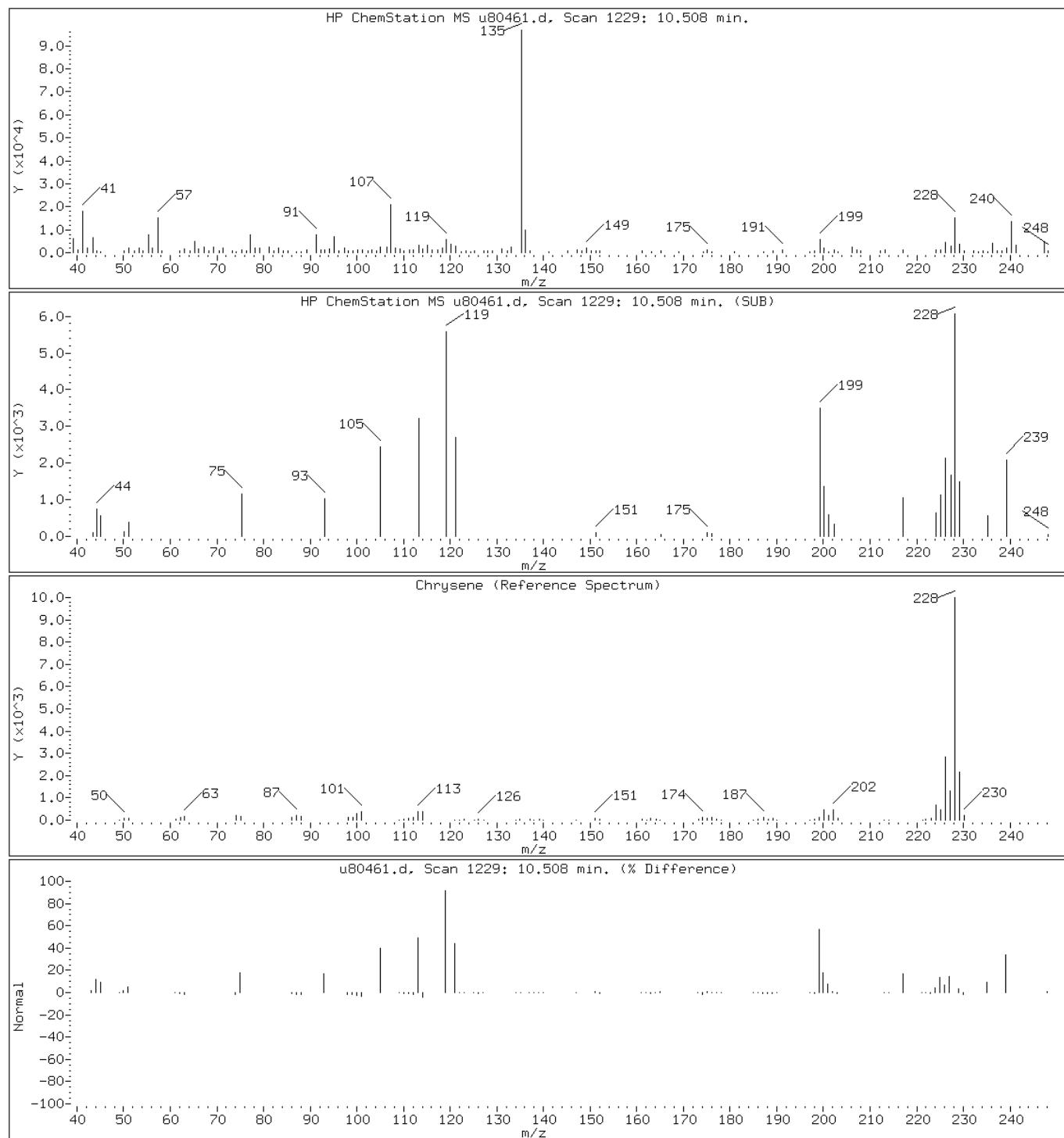
Client ID: 201209105B-365VO-2N

Instrument: BNAMS4.i

Sample Info: 460-44405-E-1-A

Operator: BNAMS 4

62 Chrysene



Data File: u80461.d

Date: 12-SEP-2012 10:11

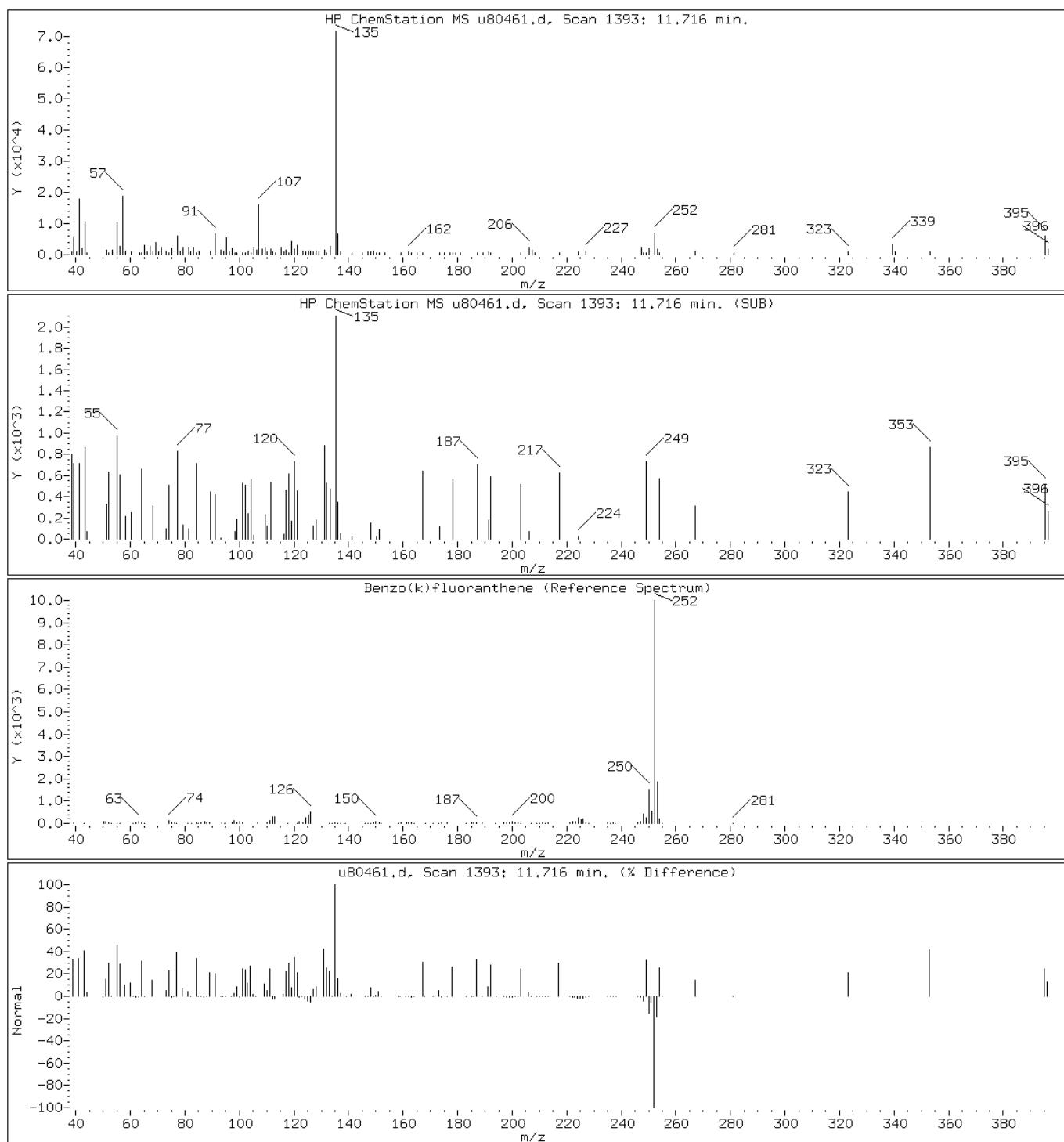
Client ID: 201209105B-365VO-2N

Instrument: BNAMS4.i

Sample Info: 460-44405-E-1-A

Operator: BNAMS 4

66 Benzo(k)fluoranthene



Data File: u80461.d

Date: 12-SEP-2012 10:11

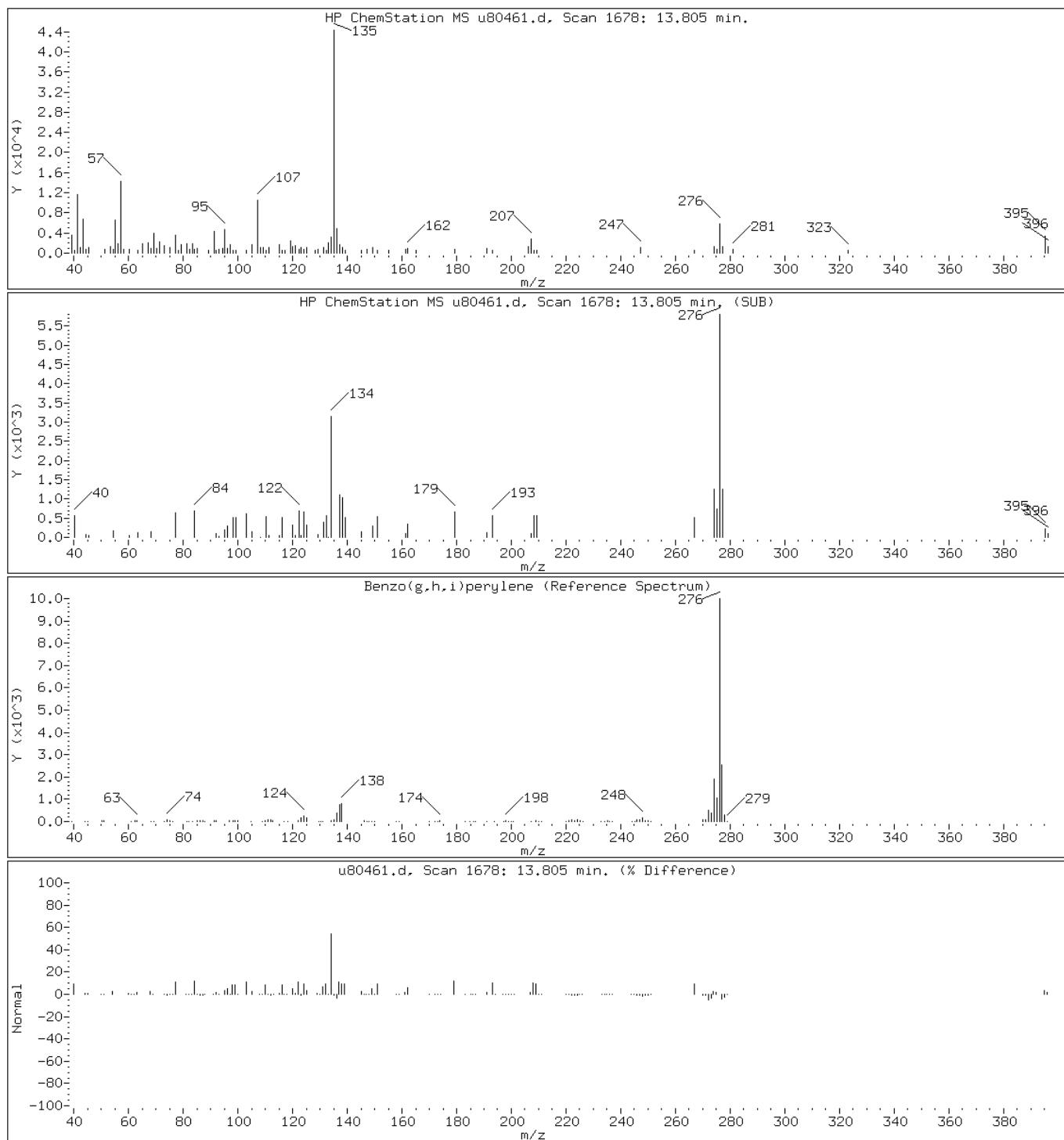
Client ID: 201209105B-365VO-2N

Instrument: BNAMS4.i

Sample Info: 460-44405-E-1-A

Operator: BNAMS 4

70 Benzo(g,h,i)perylene



Data File: u80461.d

Date: 12-SEP-2012 10:11

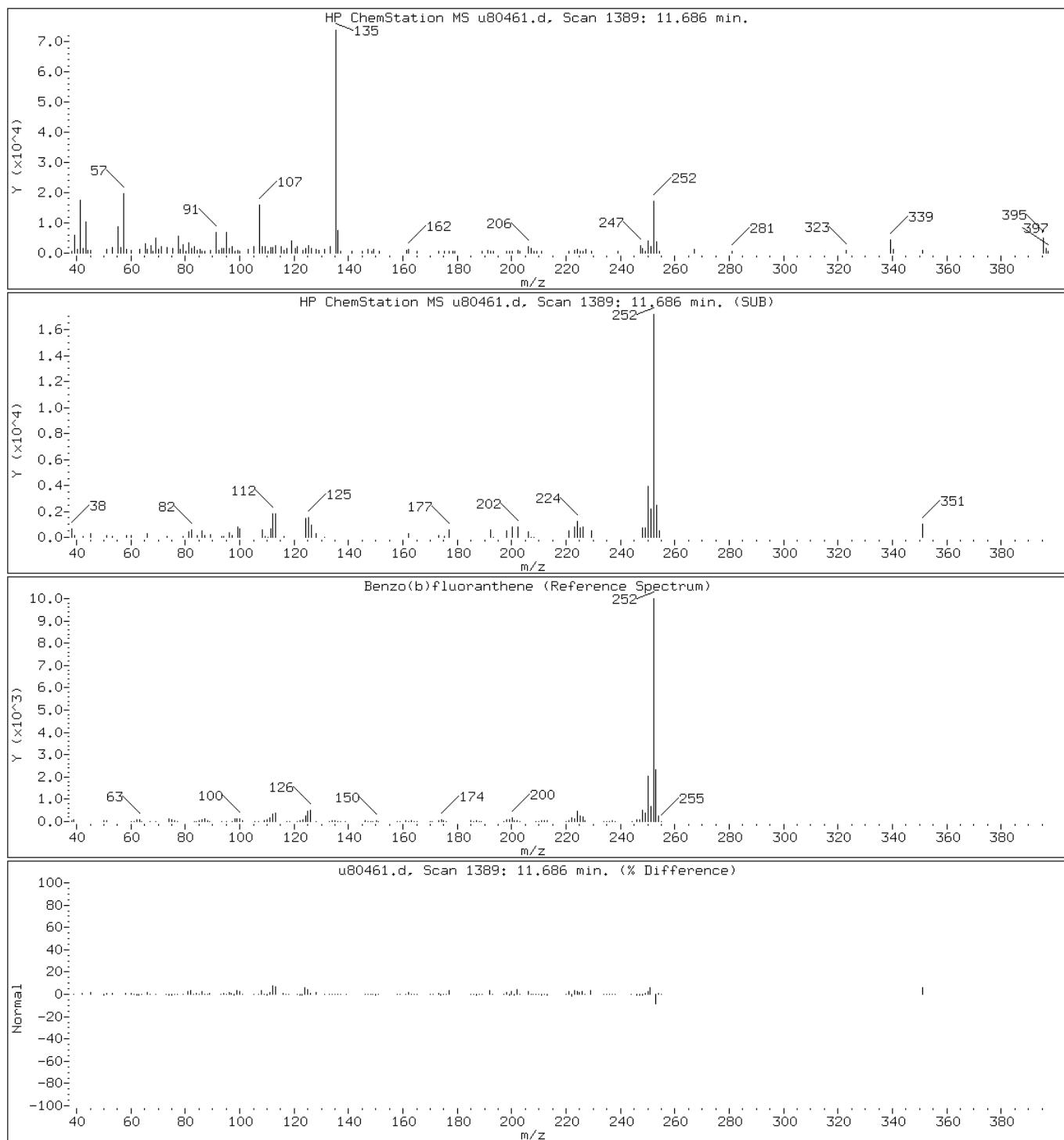
Client ID: 201209105B-365VO-2N

Instrument: BNAMS4.i

Sample Info: 460-44405-E-1-A

Operator: BNAMS 4

65 Benzo(b)fluoranthene



Data File: u80461.d

Date: 12-SEP-2012 10:11

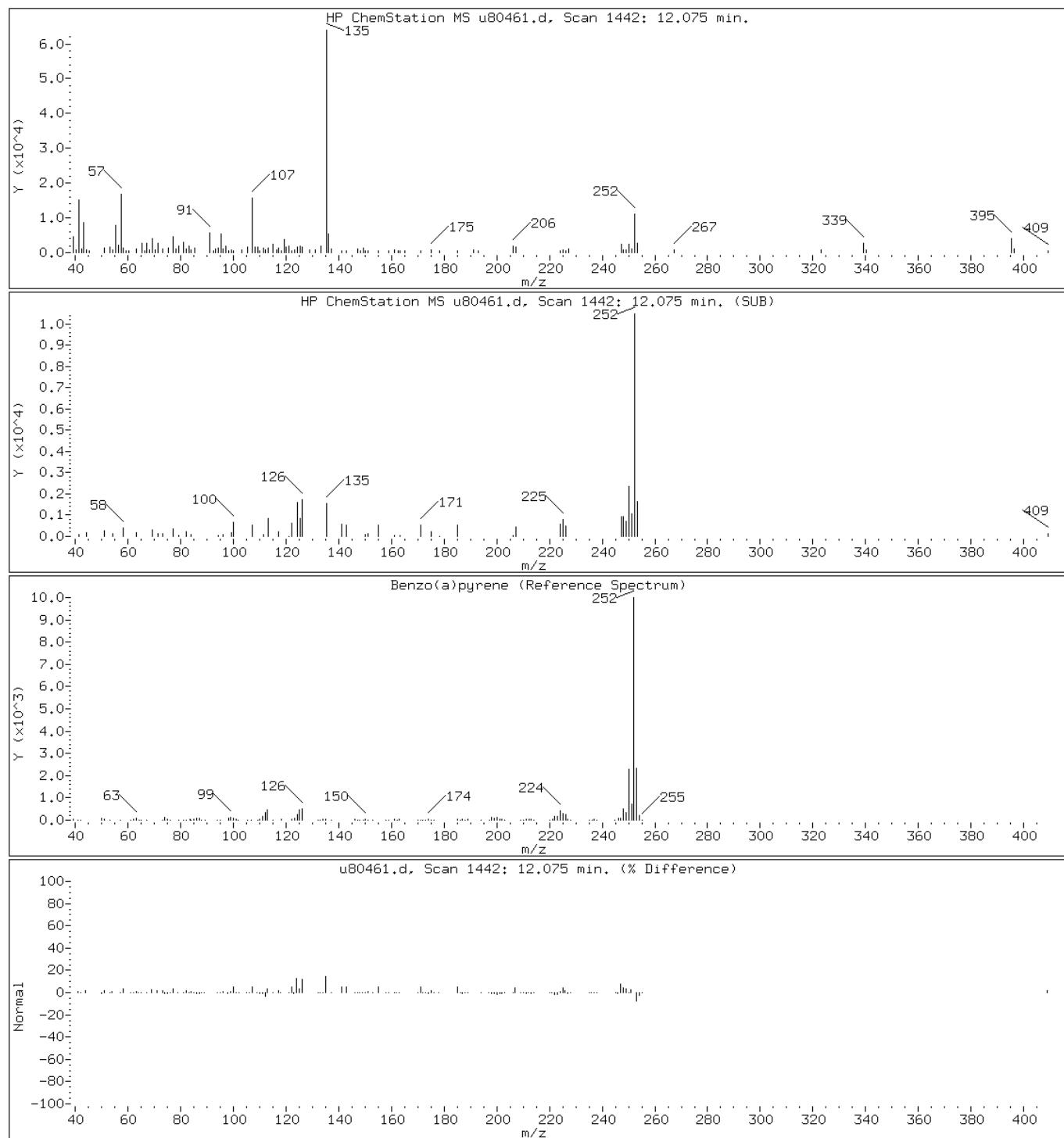
Client ID: 201209105B-365VO-2N

Instrument: BNAMS4.i

Sample Info: 460-44405-E-1-A

Operator: BNAMS 4

67 Benzo(a)pyrene



Data File: u80461.d

Date: 12-SEP-2012 10:11

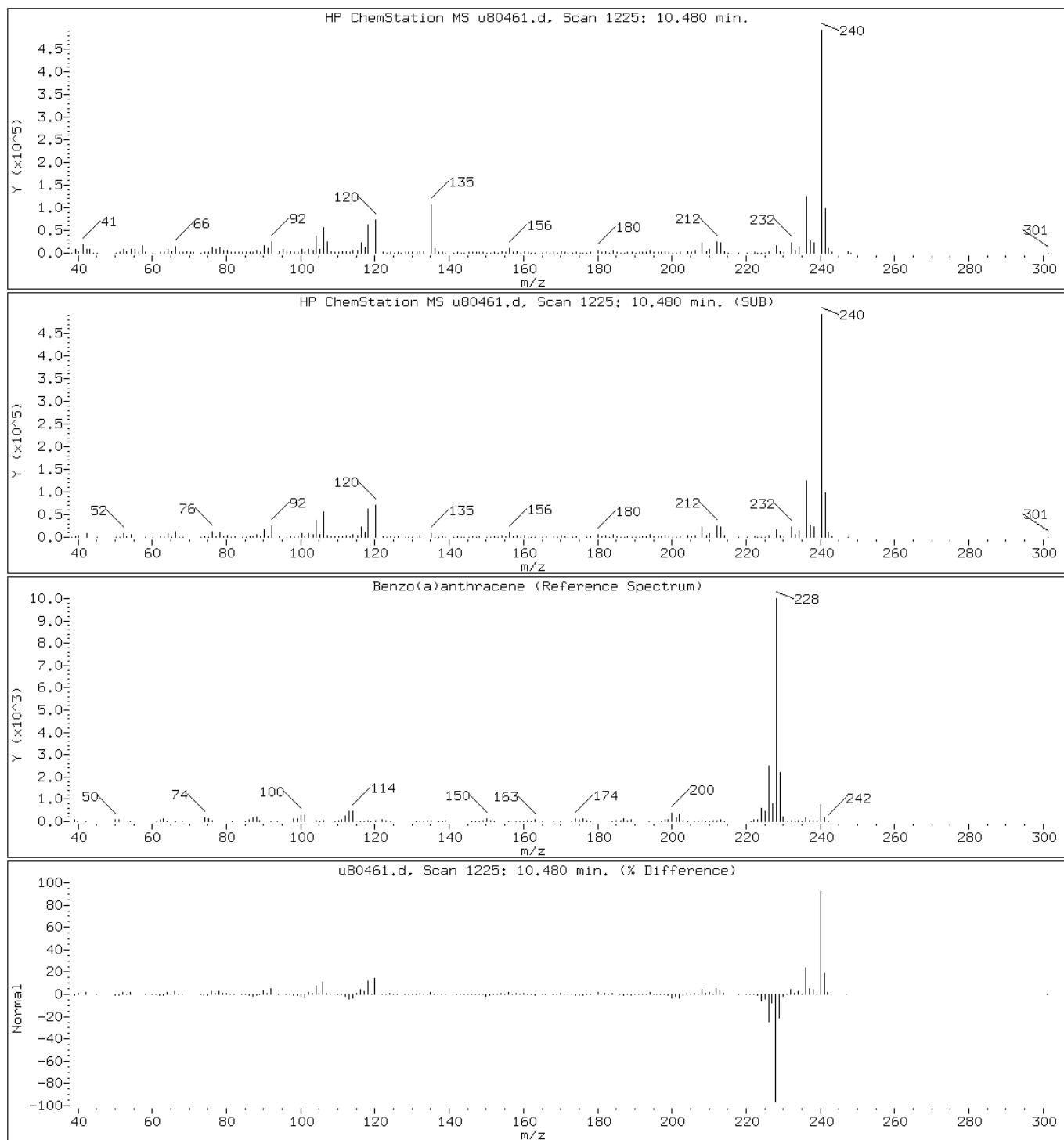
Client ID: 201209105B-365VO-2N

Instrument: BNAMS4.i

Sample Info: 460-44405-E-1-A

Operator: BNAMS 4

61 Benzo(a)anthracene



Data File: u80461.d

Date: 12-SEP-2012 10:11

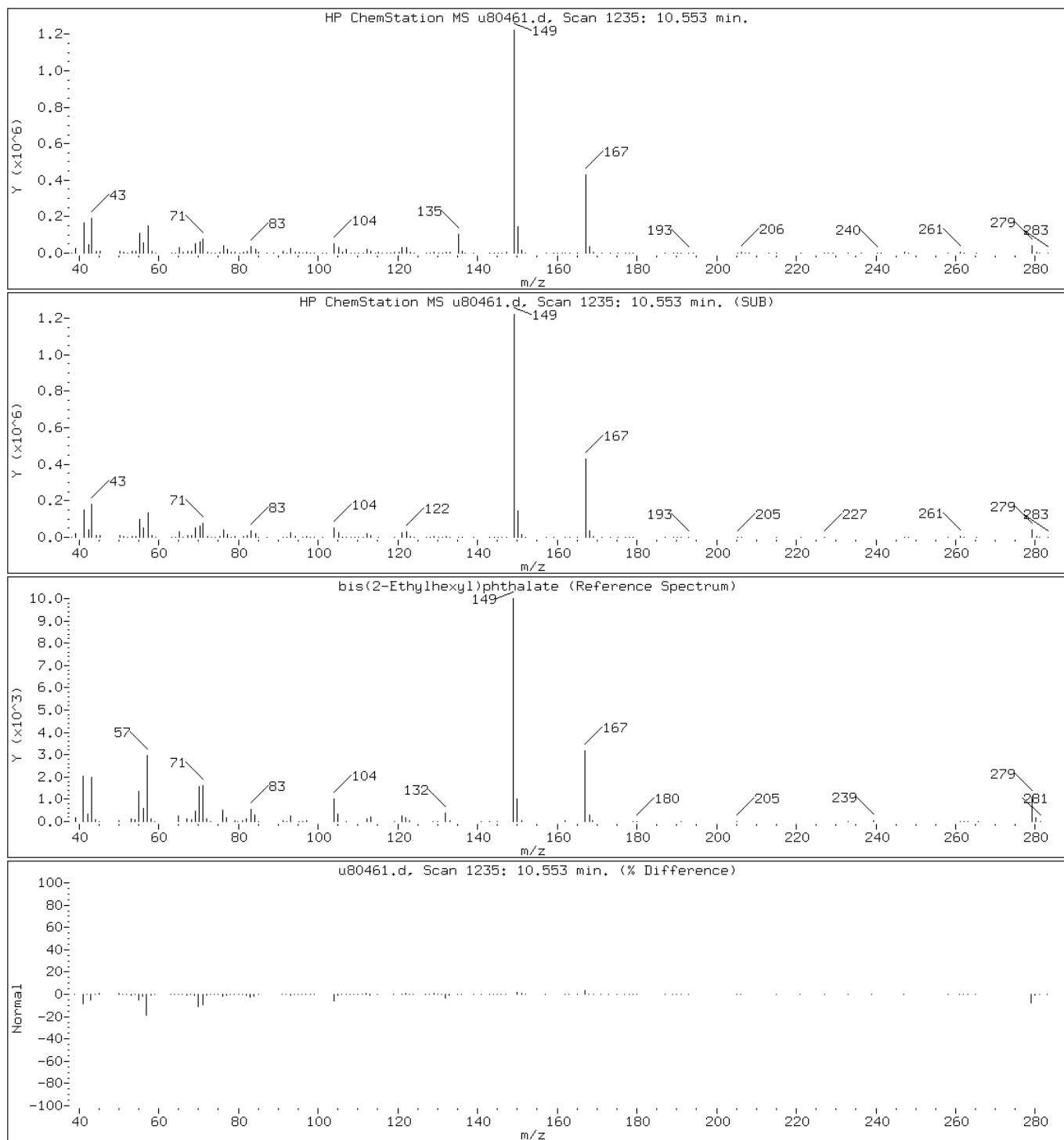
Client ID: 201209105B-365VO-2N

Instrument: BNAMS4.i

Sample Info: 460-44405-E-1-A

Operator: BNAMS 4

63 bis(2-Ethylhexyl)phthalate



Data File: u80461.d

Date: 12-SEP-2012 10:11

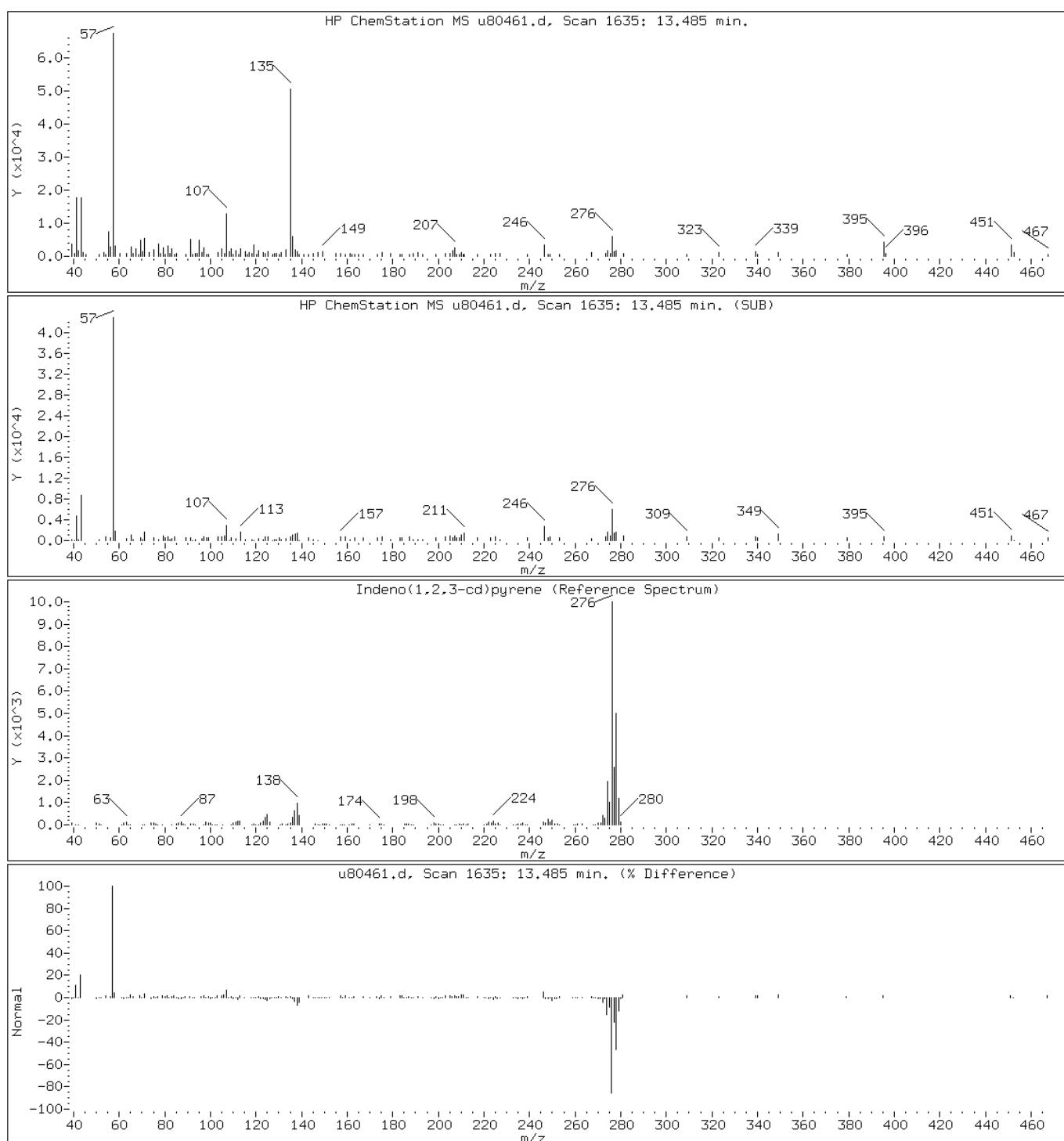
Client ID: 201209105B-365VO-2N

Instrument: BNAMS4.i

Sample Info: 460-44405-E-1-A

Operator: BNAMS 4

68 Indeno(1,2,3-cd)pyrene



Data File: u80461.d

Date: 12-SEP-2012 10:11

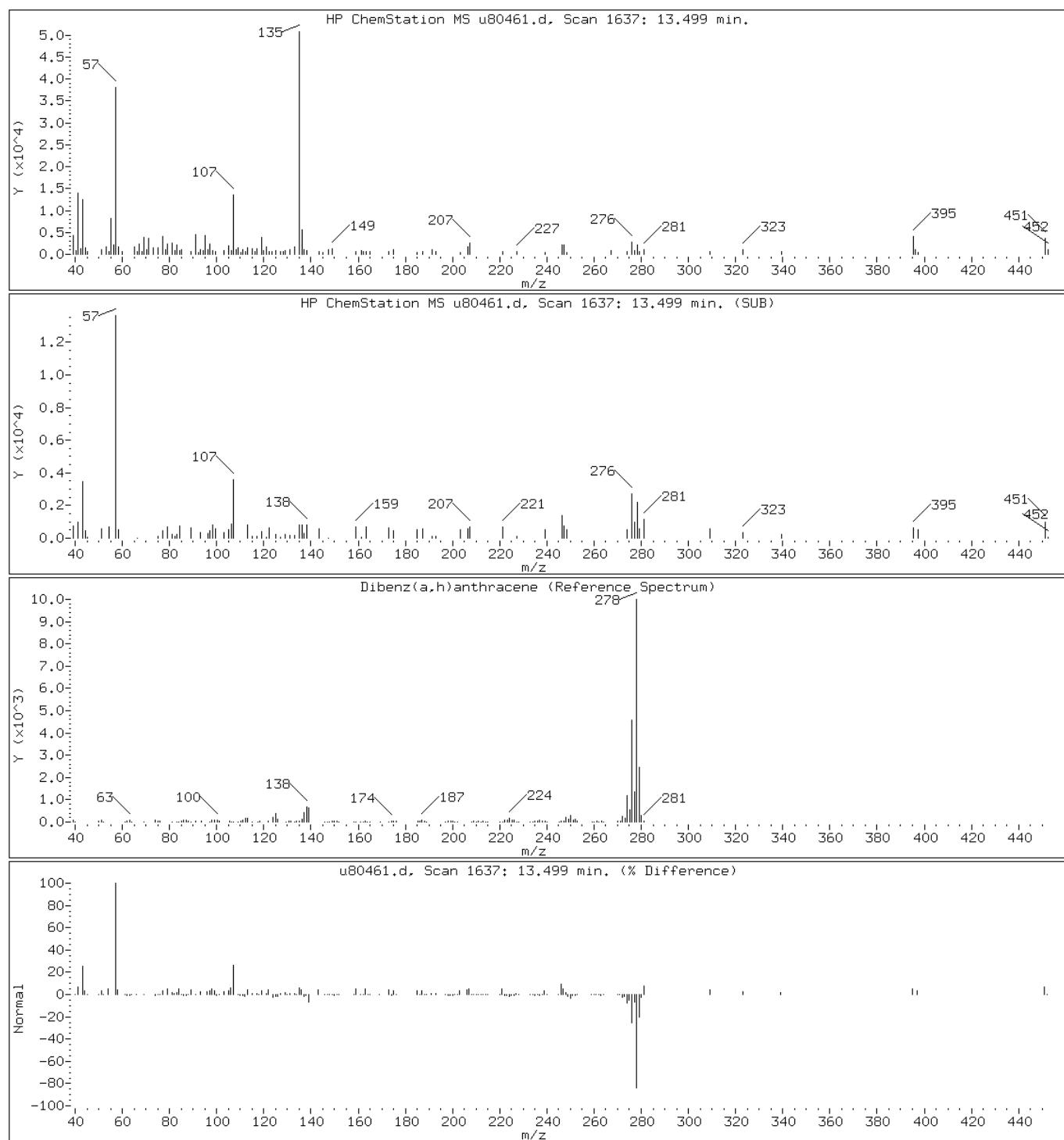
Client ID: 201209105B-365VO-2N

Instrument: BNAMS4.i

Sample Info: 460-44405-E-1-A

Operator: BNAMS 4

69 Dibenz(a,h)anthracene

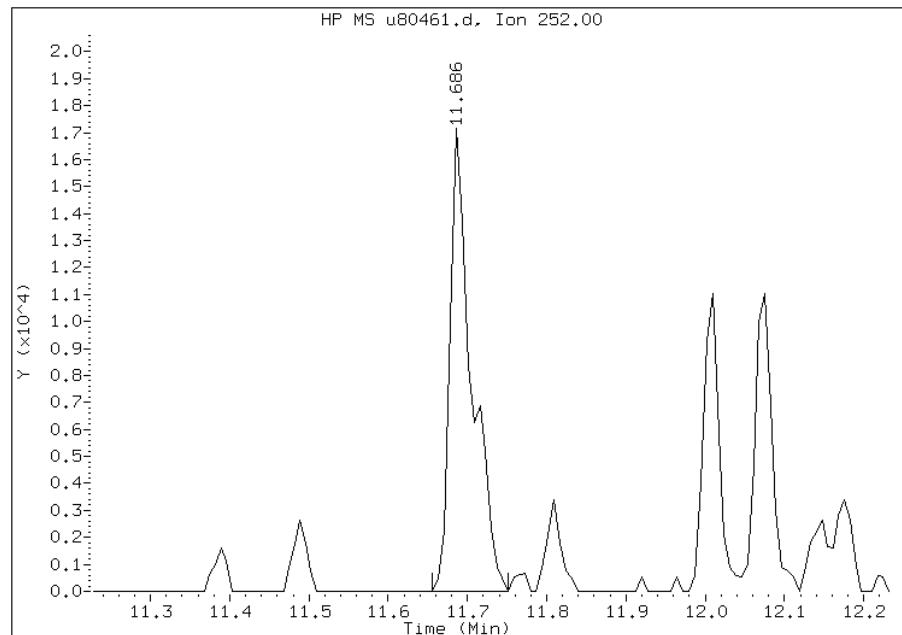


Manual Integration Report

Data File: u80461.d
Inj. Date and Time: 12-SEP-2012 10:11
Instrument ID: BNAMS4.i
Client ID: 201209105B-365VO-2N
Compound: 66 Benzo(k)fluoranthene
CAS #: 207-08-9
Report Date: 09/13/2012

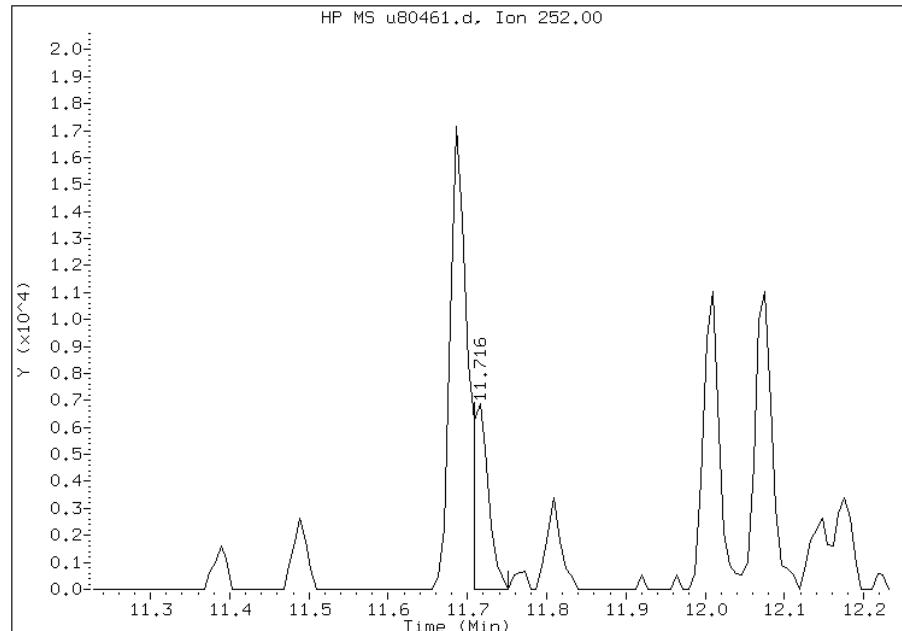
Processing Integration Results

RT: 11.69
Response: 32549
Amount: 1
Conc: 797



Manual Integration Results

RT: 11.72
Response: 9592
Amount: 0
Conc: 235



Manually Integrated By: rusin

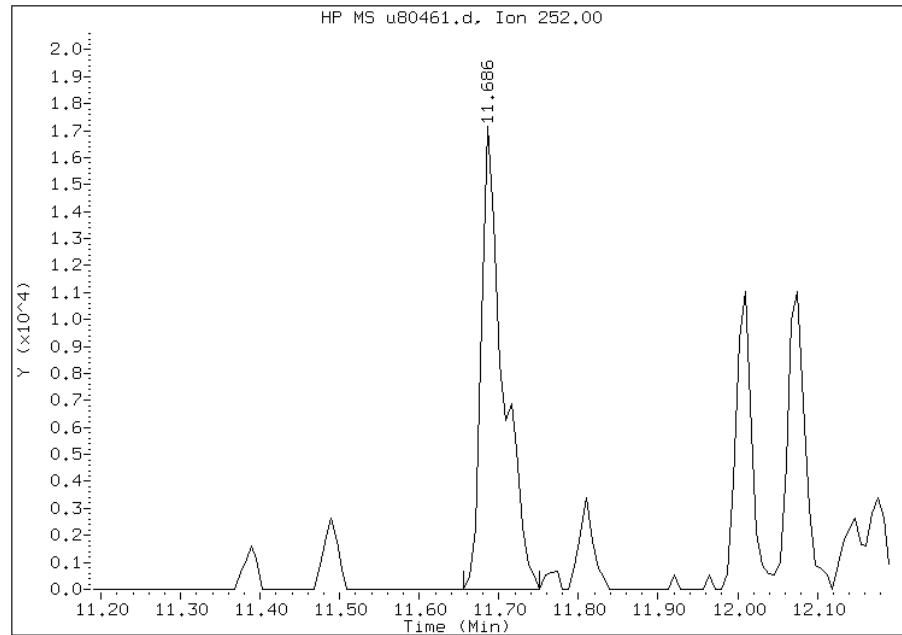
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Manual Integration Report

Data File: u80461.d
Inj. Date and Time: 12-SEP-2012 10:11
Instrument ID: BNAMS4.i
Client ID: 201209105B-365VO-2N
Compound: 65 Benzo(b)fluoranthene
CAS #: 205-99-2
Report Date: 09/13/2012

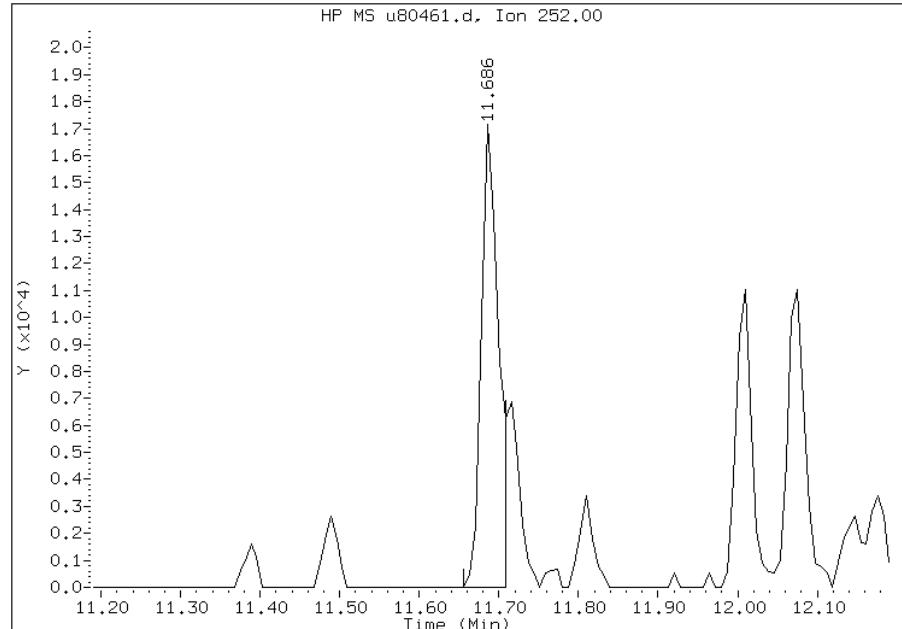
Processing Integration Results

RT: 11.69
Response: 32549
Amount: 1
Conc: 781



Manual Integration Results

RT: 11.69
Response: 25471
Amount: 1
Conc: 611



Manually Integrated By: rusin

Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Client Sample ID: 20120910EB

Lab Sample ID: 460-44405-2

Matrix: Water

Lab File ID: x30162.d

Analysis Method: 8270C

Date Collected: 09/10/2012 15:45

Extract. Method: 3510C

Date Extracted: 09/14/2012 08:04

Sample wt/vol: 980 (mL)

Date Analyzed: 09/17/2012 02:40

Con. Extract Vol.: 2 (mL)

Dilution Factor: 1

Injection Volume: 1 (uL)

Level: (low/med) Low

% Moisture: _____

GPC Cleanup: (Y/N) N

Analysis Batch No.: 128115

Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	0.83	U	10	0.83
95-57-8	2-Chlorophenol	2.2	U	10	2.2
95-48-7	2-Methylphenol	1.8	U	10	1.8
106-44-5	4-Methylphenol	1.6	U	10	1.6
100-52-7	Benzaldehyde	2.0	U *	10	2.0
98-86-2	Acetophenone	2.8	U	10	2.8
111-44-4	Bis(2-chloroethyl)ether	0.29	U	1.0	0.29
108-60-1	2,2'-oxybis[1-chloropropane]	2.0	U	10	2.0
621-64-7	N-Nitrosodi-n-propylamine	0.26	U	1.0	0.26
98-95-3	Nitrobenzene	0.31	U	1.0	0.31
67-72-1	Hexachloroethane	0.26	U	1.0	0.26
78-59-1	Isophorone	2.8	U	10	2.8
88-75-5	2-Nitrophenol	2.4	U	10	2.4
105-67-9	2,4-Dimethylphenol	3.5	U	10	3.5
120-83-2	2,4-Dichlorophenol	2.7	U	10	2.7
111-91-1	Bis(2-chloroethoxy)methane	2.7	U	10	2.7
91-20-3	Naphthalene	2.8	U	10	2.8
106-47-8	4-Chloroaniline	2.0	U	10	2.0
87-68-3	Hexachlorobutadiene	0.58	U	2.0	0.58
105-60-2	Caprolactam	2.6	U	10	2.6
59-50-7	4-Chloro-3-methylphenol	2.6	U	10	2.6
91-57-6	2-Methylnaphthalene	3.1	U	10	3.1
118-74-1	Hexachlorobenzene	0.30	U	1.0	0.30
77-47-4	Hexachlorocyclopentadiene	1.7	U	10	1.7
88-06-2	2,4,6-Trichlorophenol	2.4	U	10	2.4
95-95-4	2,4,5-Trichlorophenol	2.7	U	10	2.7
92-52-4	Diphenyl	2.9	U	10	2.9
91-58-7	2-Chloronaphthalene	2.8	U	10	2.8
88-74-4	2-Nitroaniline	5.0	U	20	5.0
606-20-2	2,6-Dinitrotoluene	0.62	U	2.0	0.62
131-11-3	Dimethyl phthalate	2.9	U	10	2.9
208-96-8	Acenaphthylene	2.8	U	10	2.8
99-09-2	3-Nitroaniline	5.1	U	20	5.1
83-32-9	Acenaphthene	2.8	U	10	2.8

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Client Sample ID: 20120910EB

Lab Sample ID: 460-44405-2

Matrix: Water

Lab File ID: x30162.d

Analysis Method: 8270C

Date Collected: 09/10/2012 15:45

Extract. Method: 3510C

Date Extracted: 09/14/2012 08:04

Sample wt/vol: 980 (mL)

Date Analyzed: 09/17/2012 02:40

Con. Extract Vol.: 2 (mL)

Dilution Factor: 1

Injection Volume: 1 (uL)

Level: (low/med) Low

% Moisture: _____

GPC Cleanup: (Y/N) N

Analysis Batch No.: 128115

Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	6.8	U	31	6.8
51-28-5	2,4-Dinitrophenol	5.5	U	31	5.5
132-64-9	Dibenzofuran	2.9	U	10	2.9
84-66-2	Diethyl phthalate	3.0	U	10	3.0
86-73-7	Fluorene	2.9	U	10	2.9
206-44-0	Fluoranthene	3.3	U	10	3.3
84-74-2	Di-n-butyl phthalate	3.0	U	10	3.0
121-14-2	2,4-Dinitrotoluene	0.48	U	2.0	0.48
7005-72-3	4-Chlorophenyl phenyl ether	2.6	U	10	2.6
100-01-6	4-Nitroaniline	5.9	U	20	5.9
534-52-1	4,6-Dinitro-2-methylphenol	4.8	U	31	4.8
101-55-3	4-Bromophenyl phenyl ether	2.6	U	10	2.6
1912-24-9	Atrazine	3.1	U	10	3.1
120-12-7	Anthracene	2.9	U	10	2.9
86-74-8	Carbazole	3.3	U	10	3.3
85-01-8	Phenanthrene	3.2	U	10	3.2
87-86-5	Pentachlorophenol	5.4	U	31	5.4
129-00-0	Pyrene	3.0	U	10	3.0
218-01-9	Chrysene	3.2	U	10	3.2
207-08-9	Benzo[k]fluoranthene	0.27	U	1.0	0.27
191-24-2	Benzo[g,h,i]perylene	2.0	U	10	2.0
205-99-2	Benzo[b]fluoranthene	0.27	U	1.0	0.27
50-32-8	Benzo[a]pyrene	0.14	U	1.0	0.14
56-55-3	Benzo[a]anthracene	0.28	U	1.0	0.28
86-30-6	N-Nitrosodiphenylamine	3.0	U	10	3.0
85-68-7	Butyl benzyl phthalate	2.6	U	10	2.6
117-81-7	Bis(2-ethylhexyl) phthalate	2.0	U	10	2.0
117-84-0	Di-n-octyl phthalate	1.5	U	10	1.5
193-39-5	Indeno[1,2,3-cd]pyrene	0.15	U	1.0	0.15
53-70-3	Dibenz(a,h)anthracene	0.092	U	1.0	0.092
91-94-1	3,3'-Dichlorobenzidine	5.0	U	20	5.0
95-94-3	1,2,4,5-Tetrachlorobenzene	2.7	U	10	2.7
58-90-2	2,3,4,6-Tetrachlorophenol	2.6	U	10	2.6

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-44405-1</u>
SDG No.:	
Client Sample ID: <u>20120910EB</u>	Lab Sample ID: <u>460-44405-2</u>
Matrix: <u>Water</u>	Lab File ID: <u>x30162.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>09/10/2012 15:45</u>
Extract. Method: <u>3510C</u>	Date Extracted: <u>09/14/2012 08:04</u>
Sample wt/vol: <u>980 (mL)</u>	Date Analyzed: <u>09/17/2012 02:40</u>
Con. Extract Vol.: <u>2 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1 (uL)</u>	Level: (low/med) <u>Low</u>
% Moisture:	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>128115</u>	Units: <u>ug/L</u>

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	94		56-112
4165-62-2	Phenol-d5	30		10-48
1718-51-0	Terphenyl-d14	94		50-122
118-79-6	2,4,6-Tribromophenol	94		46-122
367-12-4	2-Fluorophenol	46		10-65
321-60-8	2-Fluorobiphenyl	88		53-108

Data File: /chem/BNAMS5.i/8270/09-16-12/16sep12a.b/x30162.d
Report Date: 17-Sep-2012 10:48

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/09-16-12/16sep12a.b/x30162.d
Lab Smp Id: 460-44405-F-2-A Client Smp ID: 20120910EB
Inj Date : 17-SEP-2012 02:40
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-44405-F-2-A
Misc Info : 460-44405-F-2-A
Comment :
Method : /chem/BNAMS5.i/8270/09-16-12/16sep12a.b/8270C_11.m
Meth Date : 17-Sep-2012 08:33 croccom Quant Type: ISTD
Cal Date : 16-SEP-2012 14:54 Cal File: x30145.d
Als bottle: 20
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-h20.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	980.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)
\$ 16 2-Fluorophenol (SUR)	112	3.266	3.266 (0.718)		766485	23.1799	47
\$ 17 Phenol-d5 (SUR)	99	4.160	4.184 (0.915)		574193	14.9317	30
* 79 1,4-Dichlorobenzene-d4	152	4.548	4.554 (1.000)		940891	40.0000	
\$ 76 Nitrobenzene-d5 (SUR)	82	5.101	5.107 (0.876)		1528704	46.9073	96
* 80 Naphthalene-d8	136	5.825	5.831 (1.000)		3606865	40.0000	
\$ 77 2-Fluorobiphenyl (SUR)	172	6.907	6.913 (0.912)		2918209	44.0664	90
* 82 Acenaphthene-d10	164	7.578	7.583 (1.000)		1877840	40.0000	
\$ 18 2,4,6-Tribromophenol (SUR)	330	8.354	8.360 (1.102)		427337	47.2120	96
* 83 Phenanthrene-d10	188	9.042	9.048 (1.000)		2488597	40.0000	
\$ 78 Terphenyl-d14	244	10.624	10.630 (0.896)		1953265	47.2157	96
* 81 Chrysene-d12	240	11.854	11.860 (1.000)		1239012	40.0000	
* 84 Perylene-d12	264	13.813	13.818 (1.000)		759370	40.0000	

Data File: x30162.d

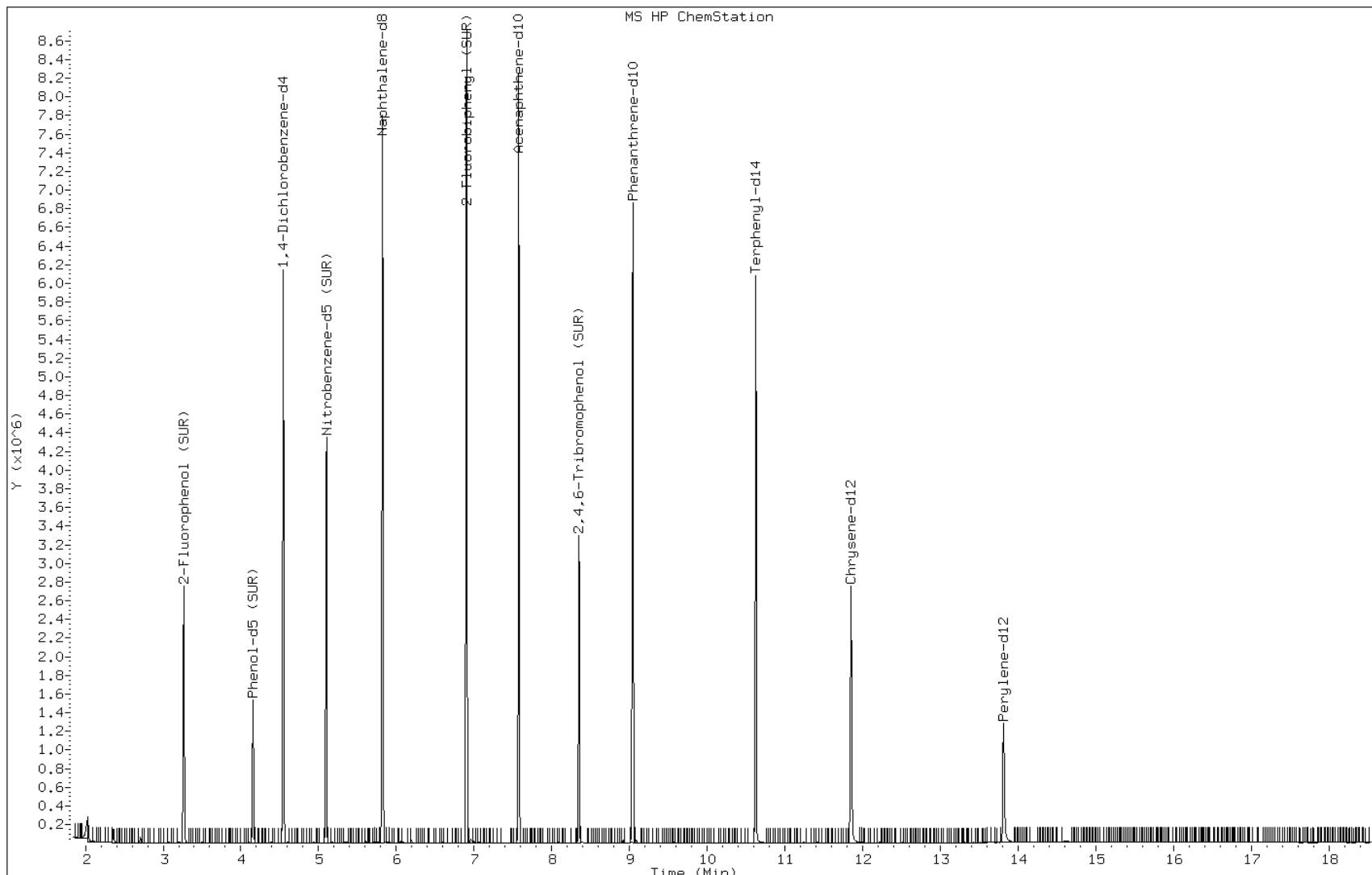
Date: 17-SEP-2012 02:40

Client ID: 20120910EB

Instrument: BNAMS5.i

Sample Info: 460-44405-F-2-A

Operator: BNAMS 4



FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

Analy Batch No.: 127157

SDG No.: _____

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/07/2012 16:24 Calibration End Date: 09/07/2012 18:03 Calibration ID: 17366

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-127157/7	u80342.d
Level 2	IC 460-127157/6	u80341.d
Level 3	IC 460-127157/5	u80340.d
Level 4	ICIS 460-127157/2	u80337.d
Level 5	IC 460-127157/4	u80339.d
Level 6	IC 460-127157/3	u80338.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1-Naphthylamine	0 0	0	0	0	0	Ave								30.0			
2-Naphthylamine	0 0	0	0	0	0	Ave								15.0			
o-Toluidine	0 0	0	0	0	0	Ave								15.0			
1,4-Dioxane	0.4650 0.5035	0.4657	0.4454	0.4015	0.4660	Ave		0.4578						7.3	15.0		
N-Nitrosodimethylamine	0.9372 0.9141	0.8210	0.8800	0.8273	0.8729	Ave		0.8754						5.3	15.0		
Pyridine	1.1597 1.5015	1.2976	1.4994	1.2764	1.3931	Ave		1.3546						10.0	15.0		
2,3,7,8-TCDD (Screen)	+++++ +++++	+++++	+++++	0.1336	+++++	Ave		0.1336							15.0		
Benzaldehyde	1.0886 +++++	1.0563	0.9214	0.4864	0.3658	Ave		0.7837						42.8	*	15.0	
Aniline	2.2404 1.7605	2.0761	2.0383	1.8865	1.9038	Ave		1.9843						8.5	15.0		
Phenol	1.9835 2.0014	1.8992	2.1105	1.6479	1.9280	Ave		1.9284						8.1	30.0		
Bis(2-chloroethyl)ether	1.7267 2.0478	1.5370	1.6079	1.4066	1.5245	Ave		1.6418						13.7	15.0		
2-Chlorophenol	1.5102 1.5148	1.4838	1.5238	1.3720	1.5483	Ave		1.4921						4.2	15.0		
Decane	1.4731 1.5160	1.4653	1.5248	1.4224	1.4142	Ave		1.4693						3.1	15.0		
1,3-Dichlorobenzene	1.5375 1.6455	1.4902	1.5281	1.4057	1.4924	Ave		1.5166						5.2	15.0		
1,4-Dichlorobenzene	1.4915 1.7028	1.5153	1.7224	1.3980	1.6008	Ave		1.5718						8.1	30.0		

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 127157

SDG No.: _____

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/07/2012 16:24 Calibration End Date: 09/07/2012 18:03 Calibration ID: 17366

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dichlorobenzene	1.4325 1.6149	1.5380	1.5098	1.3996	1.5205	Ave		1.5025				5.1		15.0			
Benzyl alcohol	0.9949 1.0366	1.0402	1.0942	1.0227	1.0119	Ave		1.0334				3.3		15.0			
2,2'-oxybis[1-chloropropane]	2.4433 2.3821	2.3366	2.4079	2.1573	2.3117	Ave		2.3398				4.3		15.0			
2-Methylphenol	1.6271 1.3517	1.5051	1.4750	1.3551	1.3799	Ave		1.4490				7.5		15.0			
Acetophenone	2.2374 2.1014	2.2242	2.2980	1.8416	2.1083	Ave		2.1352				7.6		15.0			
N-Nitrosodi-n-propylamine	1.3064 1.3085	1.3461	1.4229	1.2043	1.2908	Ave		1.3132			0.0500	5.4		15.0			
3 & 4 Methylphenol	1.7304 1.4272	1.5924	1.6348	1.3556	1.4506	Ave		1.5318				9.3		15.0			
4-Methylphenol	1.7304 1.4121	1.5924	1.6241	1.3556	1.4506	Ave		1.5275				9.4		15.0			
Hexachloroethane	0.7454 0.8645	0.8852	0.8520	0.8095	0.8234	Ave		0.8300				6.0		15.0			
n,n'-Dimethylaniline	1.9416 2.2703	2.2932	2.3387	2.1427	2.2744	Ave		2.2101				6.6		15.0			
Nitrobenzene	0.7639 0.6398	0.6379	0.6214	0.6592	0.6712	Ave		0.6656				7.7		15.0			
Isophorone	0.8577 0.7951	0.8552	0.7987	0.8198	0.8381	Ave		0.8274				3.3		15.0			
2-Nitrophenol	0.2196 0.2193	0.2050	0.2111	0.2255	0.2286	Ave		0.2182				4.0		30.0			
2,4-Dimethylphenol	0.3720 0.3357	0.3509	0.3482	0.3682	0.3482	Ave		0.3539				3.9		15.0			
Bis(2-chloroethoxy)methane	0.4684 0.4654	0.4540	0.4453	0.4751	0.4830	Ave		0.4652				3.0		15.0			
2,4-Dichlorophenol	0.3406 0.3337	0.3280	0.3170	0.3417	0.3617	Ave		0.3371				4.5		30.0			
Benzoic acid	0.2109 0.2316	0.2316	0.2367	0.2363	0.2625	Ave		0.2349				7.0		15.0			
1,2,4-Trichlorobenzene	0.3282 0.3845	0.3741	0.3548	0.4012	0.3787	Ave		0.3702				6.9		15.0			
Naphthalene	1.0140 1.1105	1.0553	1.0283	1.0736	1.1521	Ave		1.0723				4.8		15.0			
4-Chloroaniline	0.4735 0.3984	0.3962	0.3864	0.4076	0.4021	Ave		0.4107				7.7		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 127157

SDG No.: _____

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/07/2012 16:24 Calibration End Date: 09/07/2012 18:03 Calibration ID: 17366

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Hexachlorobutadiene	0.2223 0.2425	0.2432	0.2322	0.2377	0.2411	Ave		0.2365				3.4		30.0			
Caprolactam	0.1044 0.0930	0.1244	0.1010	0.0973	0.0959	Ave		0.1027				11.1		15.0			
4-Chloro-3-methylphenol	0.4278 0.3206	0.3993	0.3596	0.3578	0.3629	Ave		0.3714				10.0		30.0			
2-Methylnaphthalene	0.6141 0.6649	0.6068	0.5864	0.6589	0.6861	Ave		0.6362				6.2		15.0			
1-Methylnaphthalene	0.6271 0.6931	0.6151	0.6453	0.6578	0.7246	Ave		0.6605				6.3		15.0			
Hexachlorocyclopentadiene	0.0811 0.3409	0.1448	0.1734	0.2955	0.3046	QuaF		3.8913	-0.949		0.0500				0.9968		0.9900
1,2,4,5-Tetrachlorobenzene	0.6356 0.7702	0.7003	0.6143	0.7510	0.7465	Ave		0.7030				9.2		30.0			
2-tertbutyl-4-methylphenol	0.5222 0.4699	0.4540	0.4550	0.5202	0.5136	Ave		0.4891				6.7		15.0			
2,4,6-Trichlorophenol	0.4479 0.4492	0.4603	0.4008	0.4657	0.4726	Ave		0.4494				5.7		30.0			
2,4,5-Trichlorophenol	0.4914 0.4898	0.4713	0.4143	0.4556	0.5106	Ave		0.4722				7.2		15.0			
Diphenyl	1.2547 1.4013	1.4069	1.2884	1.3567	1.4494	Ave		1.3596				5.5		15.0			
2-Chloronaphthalene	1.0270 1.2286	1.1726	1.0382	1.1625	1.2043	Ave		1.1389				7.5		15.0			
Diphenyl ether	0.7348 0.8198	0.7885	0.6842	0.7867	0.7926	Ave		0.7678				6.4		15.0			
2-Nitroaniline	0.4633 0.4518	0.4772	0.4208	0.4094	0.4356	Ave		0.4430				5.8		15.0			
Dimethylnaphthalene, total	0.8301 0.9601	0.8221	0.8651	0.8540	0.9010	Ave		0.8721				5.9		15.0			
Dimethyl phthalate	1.4041 1.2922	1.3643	1.1671	1.2491	1.2625	Ave		1.2899				6.6		15.0			
Coumarin	0.3028 0.2271	0.2383	0.2459	0.2385	0.2224	Ave		0.2458				11.9		15.0			
2,6-Dinitrotoluene	0.2877 0.3173	0.3167	0.2910	0.3108	0.3306	Ave		0.3090				5.4		15.0			
Acenaphthylene	1.7091 1.9122	1.6778	1.5366	1.6998	1.7572	Ave		1.7155				7.1		15.0			
3-Nitroaniline	0.3738 0.3078	0.3425	0.3216	0.3099	0.2945	Ave		0.3250				8.9		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 127157

SDG No.: _____

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/07/2012 16:24 Calibration End Date: 09/07/2012 18:03 Calibration ID: 17366

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acenaphthene	1.0508 1.0506	0.9358	0.9172	0.9973	1.1327	Ave		1.0141				8.0		30.0			
3,5-di-tert-butyl-4-hydroxytol	0.9271 0.9553	0.9264	0.9176	0.9463	0.9079	Ave		0.9301				1.9		15.0			
2,4-Dinitrophenol	0.1666 0.2032	0.1514	0.1725	0.1894	0.1999	Ave		0.1805			0.0500	11.3		15.0			
Dibenzofuran	1.5552 1.5637	1.5396	1.4535	1.5265	1.6553	Ave		1.5490				4.2		15.0			
4-Nitrophenol	0.3274 0.2486	0.2729	0.2553	0.2730	0.2679	Ave		0.2742			0.0500	10.2		15.0			
2,4-Dinitrotoluene	0.4618 0.3846	0.4244	0.3960	0.3877	0.3878	Ave		0.4071				7.5		15.0			
2,3,4,6-Tetrachlorophenol	0.3136 0.2830	0.3048	0.2762	0.2819	0.3335	Ave		0.2988				7.5		30.0			
Diethyl phthalate	1.5952 1.2957	1.3991	1.2419	1.2422	1.2118	Ave		1.3310				10.9		15.0			
Fluorene	1.2753 1.2708	1.2689	1.1092	1.1764	1.1782	Ave		1.2131				5.7		15.0			
4-Chlorophenyl phenyl ether	0.6970 0.6524	0.6753	0.6229	0.6530	0.6494	Ave		0.6583				3.8		15.0			
4-Nitroaniline	0.3470 0.2565	0.2990	0.2550	0.2464	0.2466	Ave		0.2751				14.7		15.0			
4,6-Dinitro-2-methylphenol	0.1586 0.1873	0.1386	0.1633	0.1926	0.1854	Ave		0.1710				12.3		15.0			
N-Nitrosodiphenylamine	0.4421 0.5665	0.4654	0.5030	0.5136	0.5486	Ave		0.5065				9.4		30.0			
1,2-Diphenylhydrazine	0.7977 1.3096	1.1034	1.1187	1.1770	1.2555	LinF		1.2786							0.9963	0.9900	
4-Bromophenyl phenyl ether	0.1733 0.2653	0.2114	0.2108	0.2315	0.2182	Ave		0.2184				13.8		15.0			
Hexachlorobenzene	0.2217 0.3014	0.2627	0.2843	0.2901	0.2877	Ave		0.2747				10.5		15.0			
Atrazine	0.2040 0.2264	0.2068	0.1982	0.2127	0.2116	Ave		0.2100				4.6		15.0			
Pentachlorophenol	0.1106 0.1751	0.1247	0.1461	0.1689	0.1614	QuaF		6.8483	-2.188						0.9964	0.9900	
Pentachloronitrobenzene	0.1080 0.1219	0.1234	0.1227	0.1203	0.1194	Ave		0.1193				4.8					
n-Octadecane	0.4819 0.6297	0.5200	0.5511	0.6022	0.5758	Ave		0.5601				9.7		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

Analy Batch No.: 127157

SDG No.: _____

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/07/2012 16:24 Calibration End Date: 09/07/2012 18:03 Calibration ID: 17366

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Phenanthrene	0.9093 1.2154	0.9934	1.0132	1.1132	1.1094	Ave		1.0590				10.2		15.0			
Anthracene	0.9909 1.2049	1.0698	1.0318	1.1191	1.0685	Ave		1.0808				6.9		15.0			
Carbazole	0.8705 0.9786	0.8515	0.8378	0.8738	0.8939	Ave		0.8844				5.7		15.0			
Di-n-butyl phthalate	1.2704 1.4998	1.2286	1.2683	1.3588	1.2990	Ave		1.3208				7.4		15.0			
Fluoranthene	1.0914 1.2173	1.0502	1.0213	1.1777	1.1115	Ave		1.1115				6.7		30.0			
Benzidine	0.3288 +++++	0.3485	0.2316	0.1591	0.1019	Ave		0.2340				45.4	*	15.0			
Pyrene	1.3897 1.5204	1.6459	1.7268	1.7010	1.4803	Ave		1.5774				8.5		15.0			
Butyl benzyl phthalate	0.7154 0.7524	0.7802	0.7393	0.7990	0.6839	Ave		0.7450				5.6		15.0			
Carbamazepine	0.4973 0.6328	0.5398	0.5614	0.5809	0.5460	Ave		0.5597				8.1		15.0			
3,3'-Dichlorobenzidine	0.3878 0.3307	0.4232	0.4134	0.3786	0.3350	Ave		0.3781				10.2		15.0			
Benzo[a]anthracene	1.4736 1.2312	1.2535	1.2150	1.2158	1.1631	Ave		1.2587				8.7		15.0			
Chrysene	1.1197 1.1651	1.1188	1.0603	1.1411	1.0947	Ave		1.1166				3.3		15.0			
Bis(2-ethylhexyl) phthalate	0.9577 0.9995	1.0349	0.9601	0.9905	0.9164	Ave		0.9765				4.2		15.0			
Di-n-octyl phthalate	1.6128 1.6296	1.9203	1.7893	1.7234	1.4658	Ave		1.6902				9.3		30.0			
Benzo[b]fluoranthene	0.9567 1.3721	1.0488	1.2299	1.1313	1.1149	Ave		1.1423				12.7		15.0			
Benzo[k]fluoranthene	1.0227 1.0057	1.2912	1.1560	1.2428	0.9909	Ave		1.1182				11.7		15.0			
Benzo[a]pyrene	0.8436 0.9832	0.9669	0.9241	0.9321	0.9105	Ave		0.9267				5.3		30.0			
Indeno[1,2,3-cd]pyrene	0.9393 1.1808	1.0901	1.0956	1.0269	1.0647	Ave		1.0663				7.5		15.0			
Dibenz(a,h)anthracene	0.6868 1.0687	0.8705	0.9419	1.0566	0.9536	LinF		1.0362							0.9942		0.9900
Benzo[g,h,i]perylene	0.8052 1.1155	0.9120	0.9783	1.1111	1.0100	Ave		0.9887				12.1		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 127157

SDG No.: _____

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/07/2012 16:24 Calibration End Date: 09/07/2012 18:03 Calibration ID: 17366

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Fluorophenol	1.2556 1.5698	1.4357	1.5216	1.4058	1.5073	Ave		1.4493				7.7		15.0			
Phenol-d5	1.8593 1.9301	1.8479	2.0531	1.7980	1.9377	Ave		1.9044				4.7		15.0			
Nitrobenzene-d5	0.4426 0.4937	0.4684	0.4925	0.5043	0.4969	Ave		0.4831				4.8		15.0			
2-Fluorobiphenyl	1.2195 1.4134	1.2035	1.2390	1.3498	1.4336	Ave		1.3098				7.8		15.0			
2,4,6-Tribromophenol	0.2972 0.2625	0.2559	0.2411	0.2558	0.2451	Ave		0.2596				7.7		15.0			
Terphenyl-d14	0.8213 0.9677	0.8572	1.0512	1.1274	0.9152	Ave		0.9567				12.2		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

Analy Batch No.: 127157

SDG No.: _____

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/07/2012 16:24 Calibration End Date: 09/07/2012 18:03 Calibration ID: 17366

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-127157/7	u80342.d
Level 2	IC 460-127157/6	u80341.d
Level 3	IC 460-127157/5	u80340.d
Level 4	ICIS 460-127157/2	u80337.d
Level 5	IC 460-127157/4	u80339.d
Level 6	IC 460-127157/3	u80338.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1-Naphthylamine	ANT	Ave	0 0	0	0	0	0	5.00 120	10.0	20.0	50.0	80.0
2-Naphthylamine	ANT	Ave	0 0	0	0	0	0	5.00 120	10.0	20.0	50.0	80.0
o-Toluidine	DCB	Ave	0 0	0	0	0	0	5.00 120	10.0	20.0	50.0	80.0
1,4-Dioxane	DCB	Ave	13762 603865	45973	82808	218745	370533	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodimethylamine	DCB	Ave	27736 1096186	81059	163629	450774	694105	5.00 120	10.0	20.0	50.0	80.0
Pyridine	DCB	Ave	34321 1800710	128112	278782	695496	1107769	5.00 120	10.0	20.0	50.0	80.0
2,3,7,8-TCDD (Screen)	CRY	Ave	+++++ +++++	+++++	+++++	1306	+++++	+++++ +++++	+++++	+++++	0.500	+++++
Benzaldehyde	DCB	Ave	32215 +++++	104286	171321	265014	290839	5.00 +++++	10.0	20.0	50.0	80.0
Aniline	DCB	Ave	66302 2111332	204968	378994	1027920	1513838	5.00 120	10.0	20.0	50.0	80.0
Phenol	DCB	Ave	58698 2400200	187500	392404	897879	1533111	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethyl)ether	DCB	Ave	5110 2455777	151746	298951	766450	1212245	0.500 120	10.0	20.0	50.0	80.0
2-Chlorophenol	DCB	Ave	44692 1816642	146491	283315	747553	1231192	5.00 120	10.0	20.0	50.0	80.0
Decane	DCB	Ave	43595 1818016	144666	283518	775034	1124554	5.00 120	10.0	20.0	50.0	80.0
1,3-Dichlorobenzene	DCB	Ave	45501 1973433	147120	284128	765940	1186713	5.00 120	10.0	20.0	50.0	80.0
1,4-Dichlorobenzene	DCB	Ave	44138 2042068	149606	320249	761753	1272926	5.00 120	10.0	20.0	50.0	80.0
1,2-Dichlorobenzene	DCB	Ave	42394 1936657	151838	280711	762619	1209031	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

Analy Batch No.: 127157

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/07/2012 16:24 Calibration End Date: 09/07/2012 18:03 Calibration ID: 17366

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Benzyl alcohol	DCB	Ave	29442 1243164	102695	203452	557254	804606	5.00 120	10.0	20.0	50.0	80.0
2,2'-oxybis[1-chloropropane]	DCB	Ave	72305 2856733	230685	447702	1175461	1838187	5.00 120	10.0	20.0	50.0	80.0
2-Methylphenol	DCB	Ave	48153 1620990	148598	274248	738379	1097257	5.00 120	10.0	20.0	50.0	80.0
Acetophenone	DCB	Ave	66212 2520145	219592	427277	1003470	1676481	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodi-n-propylamine	DCB	Ave	3866 1569216	132899	264564	656207	1026401	0.500 120	10.0	20.0	50.0	80.0
3 & 4 Methylphenol	DCB	Ave	51208 1711618	157218	303966	738617	1153472	5.00 120	10.0	20.0	50.0	80.0
4-Methylphenol	DCB	Ave	51208 1693498	157218	301967	738617	1153472	5.00 120	10.0	20.0	50.0	80.0
Hexachloroethane	DCB	Ave	2206 1036698	87389	158406	441054	654745	0.500 120	10.0	20.0	50.0	80.0
n,n'-Dimethylaniline	DCB	Ave	5746 2722629	226400	434834	1167494	1808515	0.500 120	10.0	20.0	50.0	80.0
Nitrobenzene	NPT	Ave	9403 2772127	252566	479815	1208716	1906609	0.500 120	10.0	20.0	50.0	80.0
Isophorone	NPT	Ave	105569 3445178	338593	616734	1503274	2380544	5.00 120	10.0	20.0	50.0	80.0
2-Nitrophenol	NPT	Ave	27032 950059	81162	162971	413472	649344	5.00 120	10.0	20.0	50.0	80.0
2,4-Dimethylphenol	NPT	Ave	45790 1454353	138928	268827	675148	989134	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethoxy)methane	NPT	Ave	57652 2016591	179756	343854	871207	1372081	5.00 120	10.0	20.0	50.0	80.0
2,4-Dichlorophenol	NPT	Ave	41924 1445998	129871	244801	626499	1027384	5.00 120	10.0	20.0	50.0	80.0
Benzoic acid	NPT	Ave	25964 1003676	91686	182772	433386	745503	5.00 120	10.0	20.0	50.0	80.0
1,2,4-Trichlorobenzene	NPT	Ave	4040 1665883	148112	273952	735589	1075683	0.500 120	10.0	20.0	50.0	80.0
Naphthalene	NPT	Ave	124804 4811486	417832	794020	1968583	3272383	5.00 120	10.0	20.0	50.0	80.0
4-Chloroaniline	NPT	Ave	58286 1726121	156879	298369	747484	1142020	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobutadiene	NPT	Ave	5472 1050913	96305	179306	435941	684942	1.00 120	10.0	20.0	50.0	80.0
Caprolactam	NPT	Ave	12844 402901	49258	77991	178457	272375	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

Analy Batch No.: 127157

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/07/2012 16:24 Calibration End Date: 09/07/2012 18:03 Calibration ID: 17366

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
4-Chloro-3-methylphenol	NPT	Ave	52650 1389262	158115	277694	656089	1030876	5.00 120	10.0	20.0	50.0	80.0
2-Methylnaphthalene	NPT	Ave	75592 2880928	240236	452801	1208265	1948776	5.00 120	10.0	20.0	50.0	80.0
1-Methylnaphthalene	NPT	Ave	77189 3002909	243533	498299	1206202	2058137	5.00 120	10.0	20.0	50.0	80.0
Hexachlorocyclopentadiene	ANT	QuaF	6656 790371	33307	83586	321616	480269	5.00 120	10.0	20.0	50.0	80.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	52150 1785878	161111	296090	817393	1177144	5.00 120	10.0	20.0	50.0	80.0
2-tertbutyl-4-methylphenol	NPT	Ave	64273 2035881	179766	351355	953790	1458918	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Trichlorophenol	ANT	Ave	36748 1041513	105886	193200	506869	745221	5.00 120	10.0	20.0	50.0	80.0
2,4,5-Trichlorophenol	ANT	Ave	40320 1135778	108423	199706	495914	805180	5.00 120	10.0	20.0	50.0	80.0
Diphenyl	ANT	Ave	102951 3249328	323668	621020	1476670	2285619	5.00 120	10.0	20.0	50.0	80.0
2-Chloronaphthalene	ANT	Ave	84269 2848733	269761	500435	1265296	1899065	5.00 120	10.0	20.0	50.0	80.0
Diphenyl ether	ANT	Ave	60290 1901003	181388	329821	856295	1249802	5.00 120	10.0	20.0	50.0	80.0
2-Nitroaniline	ANT	Ave	76033 1047647	109778	202822	445580	686956	10.0 120	10.0	20.0	50.0	80.0
Dimethylnaphthalene, total	ANT	Ave	68115 2226284	189129	417019	929497	1420837	5.00 120	10.0	20.0	50.0	80.0
Dimethyl phthalate	ANT	Ave	115208 2996207	313860	562578	1359527	1990896	5.00 120	10.0	20.0	50.0	80.0
Coumarin	NPT	Ave	37267 983809	94354	189864	437346	631739	5.00 120	10.0	20.0	50.0	80.0
2,6-Dinitrotoluene	ANT	Ave	4722 735741	72858	140274	338266	521291	1.00 120	10.0	20.0	50.0	80.0
Acenaphthylene	ANT	Ave	140239 4433947	385981	740682	1850024	2770965	5.00 120	10.0	20.0	50.0	80.0
3-Nitroaniline	ANT	Ave	61338 713760	78788	155022	337300	464401	10.0 120	10.0	20.0	50.0	80.0
Acenaphthene	ANT	Ave	86219 2436067	215296	442088	1085510	1786219	5.00 120	10.0	20.0	50.0	80.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	76070 2215038	213130	442294	1029987	1431688	5.00 120	10.0	20.0	50.0	80.0
2,4-Dinitrophenol	ANT	Ave	41010 471064	69679	124693	206186	315275	15.0 120	20.0	30.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

Analy Batch No.: 127157

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/07/2012 16:24 Calibration End Date: 09/07/2012 18:03 Calibration ID: 17366

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dibenzofuran	ANT	Ave	127611 3625722	354197	700614	1661388	2610317	5.00 120	10.0	20.0	50.0	80.0
4-Nitrophenol	ANT	Ave	80584 576499	125546	184588	297128	422529	15.0 120	20.0	30.0	50.0	80.0
2,4-Dinitrotoluene	ANT	Ave	7579 891703	97628	190898	421938	611582	1.00 120	10.0	20.0	50.0	80.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	25729 656262	70120	133110	306797	525944	5.00 120	10.0	20.0	50.0	80.0
Diethyl phthalate	ANT	Ave	130889 3004467	321859	598604	1352029	1910937	5.00 120	10.0	20.0	50.0	80.0
Fluorene	ANT	Ave	104644 2946733	291912	534678	1280446	1857867	5.00 120	10.0	20.0	50.0	80.0
4-Chlorophenyl phenyl ether	ANT	Ave	57195 1512672	155354	300251	710728	1024112	5.00 120	10.0	20.0	50.0	80.0
4-Nitroaniline	ANT	Ave	56940 594700	68797	122927	268189	388835	10.0 120	10.0	20.0	50.0	80.0
4,6-Dinitro-2-methylphenol	PHN	Ave	83034 587025	107384	176551	295753	422453	15.0 120	20.0	30.0	50.0	80.0
N-Nitrosodiphenylamine	PHN	Ave	77159 1775688	180214	362677	788887	1249899	5.00 120	10.0	20.0	50.0	80.0
1,2-Diphenylhydrazine	PHN	LinF	139231 4104588	427312	806560	1807901	2860495	5.00 120	10.0	20.0	50.0	80.0
4-Bromophenyl phenyl ether	PHN	Ave	30238 831453	81862	151952	355586	497070	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobenzene	PHN	Ave	3870 944695	101731	204976	445592	655414	0.500 120	10.0	20.0	50.0	80.0
Atrazine	PHN	Ave	35596 709756	80067	142920	326731	482223	5.00 120	10.0	20.0	50.0	80.0
Pentachlorophenol	PHN	QuaF	57929 548731	96579	157964	259479	367838	15.0 120	20.0	30.0	50.0	80.0
Pentachloronitrobenzene	PHN	Ave	18842 382170	47784	88482	184710	272000	5.00 120	10.0	20.0	50.0	80.0
n-Octadecane	PHN	Ave	84102 1973678	201363	397345	925005	1311917	5.00 120	10.0	20.0	50.0	80.0
Phenanthrene	PHN	Ave	158706 3809535	384693	730467	1709869	2527718	5.00 120	10.0	20.0	50.0	80.0
Anthracene	PHN	Ave	172936 3776531	414277	743917	1718841	2434584	5.00 120	10.0	20.0	50.0	80.0
Carbazole	PHN	Ave	151939 3067364	329747	604052	1342090	2036616	5.00 120	10.0	20.0	50.0	80.0
Di-n-butyl phthalate	PHN	Ave	221718 4700985	475792	914420	2087066	2959657	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

Analy Batch No.: 127157

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/07/2012 16:24 Calibration End Date: 09/07/2012 18:03 Calibration ID: 17366

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Fluoranthene	PHN	Ave	190479 3815290	406709	736291	1808865	2532479	5.00 120	10.0	20.0	50.0	80.0
Benzidine	PHN	Ave	57389 +++++	269904	250475	244416	232185	5.00 +++++	20.0	30.0	50.0	80.0
Pyrene	CRY	Ave	193722 3632070	406428	778752	1662337	2421793	5.00 120	10.0	20.0	50.0	80.0
Butyl benzyl phthalate	CRY	Ave	99730 1797339	192658	333412	780855	1118914	5.00 120	10.0	20.0	50.0	80.0
Carbamazepine	CRY	Ave	69321 1511650	133297	253172	567713	893267	5.00 120	10.0	20.0	50.0	80.0
3,3'-Dichlorobenzidine	CRY	Ave	108109 789895	209019	279682	370003	548076	10.0 120	20.0	30.0	50.0	80.0
Benzo[a]anthracene	CRY	Ave	20542 2941228	309534	547929	1188168	1902750	0.500 120	10.0	20.0	50.0	80.0
Chrysene	CRY	Ave	156088 2783259	276273	478174	1115139	1790856	5.00 120	10.0	20.0	50.0	80.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	133506 2387639	255544	432991	968018	1499255	5.00 120	10.0	20.0	50.0	80.0
Di-n-octyl phthalate	PRY	Ave	202431 3958002	376596	639758	1545408	2353723	5.00 120	10.0	20.0	50.0	80.0
Benzo[b]fluoranthene	PRY	Ave	12008 3332482	205694	439740	1014459	1790273	0.500 120	10.0	20.0	50.0	80.0
Benzo[k]fluoranthene	PRY	Ave	12837 2442557	253232	413315	1114449	1591098	0.500 120	10.0	20.0	50.0	80.0
Benzo[a]pyrene	PRY	Ave	10589 2387859	189618	330429	835790	1462068	0.500 120	10.0	20.0	50.0	80.0
Indeno[1,2,3-cd]pyrene	PRY	Ave	11790 2867936	213792	391750	920803	1709689	0.500 120	10.0	20.0	50.0	80.0
Dibenz(a,h)anthracene	PRY	LinF	8621 2595643	170715	336774	947431	1531176	0.500 120	10.0	20.0	50.0	80.0
Benzol[g,h,i]perylene	PRY	Ave	101069 2709211	178866	349807	996363	1621838	5.00 120	10.0	20.0	50.0	80.0
2-Fluorophenol	DCB	Ave	37157 1882587	141744	282919	765983	1198577	5.00 120	10.0	20.0	50.0	80.0
Phenol-d5	DCB	Ave	55023 2314647	182436	381745	979718	1540823	5.00 120	10.0	20.0	50.0	80.0
Nitrobenzene-d5	NPT	Ave	54478 2139033	185455	380318	924665	1411437	5.00 120	10.0	20.0	50.0	80.0
2-Fluorobiphenyl	ANT	Ave	100068 3277229	276869	597227	1469106	2260626	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Tribromophenol	ANT	Ave	24383 608720	58879	116220	278374	386447	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 127157

SDG No.: _____

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/07/2012 16:24 Calibration End Date: 09/07/2012 18:03 Calibration ID: 17366

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Terphenyl-d14	CRY	Ave	114491 2311747	211667	474089	1101738	1497215	5.00 120	10.0	20.0	50.0	80.0

Curve Type Legend:

Ave = Average ISTD

LinF = Linear ISTD forced zero

QuaF = Quadratic ISTD forced zero

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 128111

SDG No.: _____

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2012 14:29 Calibration End Date: 09/16/2012 16:34 Calibration ID: 17518

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128111/7	x30149.d
Level 2	IC 460-128111/6	x30148.d
Level 3	IC 460-128111/5	x30147.d
Level 4	ICIS 460-128111/2	x30144.d
Level 5	IC 460-128111/4	x30146.d
Level 6	IC 460-128111/3	x30145.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1-Naphthylamine	0 0	0	0	0	0	Ave								30.0			
2-Naphthylamine	0 0	0	0	0	0	Ave								15.0			
o-Toluidine	0 0	0	0	0	0	Ave								15.0			
2,3,7,8-TCDD (Screen)	+++++ +++++	+++++	+++++	0.1899	+++++	Ave		0.1899						15.0			
1,4-Dioxane	0.6645 0.7039	0.6479	0.6456	0.6241	0.6242	Ave		0.6517						4.6	15.0		
N-Nitrosodimethylamine	0.9245 1.0110	0.9488	0.9173	0.8985	0.8940	Ave		0.9324						4.6	15.0		
Pyridine	1.6237 1.5509	1.6317	1.5923	1.5010	1.5436	Ave		1.5739						3.2	15.0		
Benzaldehyde	0.8984 +++++	0.8793	0.7282	0.4042	0.2740	Ave		0.6368						44.5 *	15.0		
Phenol	1.9483 1.6605	1.9183	1.7825	1.6930	1.6414	Ave		1.7740						7.5	30.0		
Aniline	2.1663 +++++	2.1962	2.1133	2.0400	1.8040	Ave		2.0640						7.6	15.0		
Bis(2-chloroethyl)ether	1.4539 1.5723	1.4679	1.4064	1.3905	1.4419	Ave		1.4555						4.4	15.0		
2-Chlorophenol	1.6198 1.3439	1.6169	1.5266	1.4776	1.3804	Ave		1.4942						7.8	15.0		
Decane	1.5732 1.1082	1.5844	1.6019	1.3735	1.2800	Ave		1.4202						14.2	15.0		
1,3-Dichlorobenzene	1.6630 1.6658	1.7214	1.6757	1.6436	1.5858	Ave		1.6592						2.7	15.0		
1,4-Dichlorobenzene	1.6844 1.6181	1.7422	1.7041	1.6559	1.5785	Ave		1.6638						3.6	30.0		

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 128111

SDG No.: _____

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2012 14:29 Calibration End Date: 09/16/2012 16:34 Calibration ID: 17518

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Benzyl alcohol	0.9242 0.9031	0.9825	0.9478	0.9215	0.8525	Ave		0.9219				4.7		15.0			
1,2-Dichlorobenzene	1.5895 1.5129	1.6285	1.5951	1.5423	1.4716	Ave		1.5566				3.8		15.0			
2-Methylphenol	1.4385 1.1109	1.4057	1.3075	1.2212	1.1342	Ave		1.2697				10.8		15.0			
2,2'-oxybis[1-chloropropane]	1.9993 1.5354	2.0269	1.9592	1.7606	1.6204	Ave		1.8170				11.5		15.0			
3 & 4 Methylphenol	1.5977 1.0772	1.5623	1.3902	1.1983	1.1096	QuaF		0.7399	0.0608						0.9990		0.9900
4-Methylphenol	1.5977 1.0772	1.5623	1.3902	1.1983	1.1096	QuaF		0.7399	0.0608						0.9990		0.9900
Acetophenone	1.8547 1.4452	1.9460	1.8030	1.5340	1.4160	Ave		1.6665				13.7		15.0			
N-Nitrosodi-n-propylamine	0.9537 0.8028	1.0134	0.9331	0.8308	0.7775	Ave		0.8852			0.0500	10.7		15.0			
Hexachloroethane	0.6169 0.5937	0.6321	0.6177	0.6115	0.5843	Ave		0.6094				2.9		15.0			
Nitrobenzene	0.5267 0.3946	0.5293	0.5135	0.4601	0.4271	Ave		0.4752				11.9		15.0			
n,n'-Dimethylaniline	2.0033 1.7842	2.2788	2.1343	1.9512	1.7653	Ave		1.9862				10.0		15.0			
Isophorone	0.6375 0.6124	0.6561	0.6205	0.6001	0.5774	Ave		0.6173				4.5		15.0			
2-Nitrophenol	0.2143 0.2140	0.2165	0.2108	0.2141	0.2111	Ave		0.2135				1.0		30.0			
2,4-Dimethylphenol	0.3671 0.3039	0.3642	0.3376	0.3277	0.3100	Ave		0.3351				7.9		15.0			
Bis(2-chloroethoxy)methane	0.4008 0.3817	0.4123	0.3995	0.3842	0.3701	Ave		0.3914				3.9		15.0			
Benzoic acid	0.1573 0.1793	0.1998	0.2119	0.2018	0.2104	Ave		0.1934				11.0		15.0			
2,4-Dichlorophenol	0.3127 0.2674	0.3078	0.2915	0.2872	0.2758	Ave		0.2904				6.1		30.0			
1,2,4-Trichlorobenzene	0.3213 0.3353	0.3335	0.3230	0.3232	0.3182	Ave		0.3257				2.1		15.0			
Naphthalene	1.1411 0.9853	1.1579	1.1150	1.0398	0.9760	Ave		1.0692				7.4		15.0			
4-Chloroaniline	0.4258 0.3730	0.4443	0.4137	0.3864	0.3708	Ave		0.4023				7.5		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 128111

SDG No.: _____

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2012 14:29 Calibration End Date: 09/16/2012 16:34 Calibration ID: 17518

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Hexachlorobutadiene	0.1884 0.1982	0.1938	0.1936	0.1935	0.1920	Ave		0.1933				1.6		30.0			
Caprolactam	0.0803 0.0981	0.0929	0.0880	0.0872	0.0845	Ave		0.0885				7.1		15.0			
4-Chloro-3-methylphenol	0.2917 0.2487	0.2924	0.2710	0.2619	0.2506	Ave		0.2694				7.2		30.0			
2-Methylnaphthalene	0.6884 0.6412	0.7195	0.6925	0.6532	0.6173	Ave		0.6687				5.7		15.0			
1-Methylnaphthalene	0.7125 0.6498	0.7170	0.7254	0.6710	0.6359	Ave		0.6853				5.6		15.0			
Hexachlorocyclopentadiene	0.3848 0.4181	0.3655	0.3764	0.4093	0.3988	Ave		0.3921			0.0500	5.1		15.0			
1,2,4,5-Tetrachlorobenzene	0.6355 0.6408	0.6407	0.6421	0.6695	0.6415	Ave		0.6450				1.9		30.0			
2-tertbutyl-4-methylphenol	0.4701 0.4541	0.4862	0.4932	0.4608	0.4427	Ave		0.4679				4.1		15.0			
2,4,6-Trichlorophenol	0.4099 0.4243	0.4083	0.3909	0.3954	0.3955	Ave		0.4040				3.1		30.0			
2,4,5-Trichlorophenol	0.4220 0.3560	0.4087	0.3965	0.3993	0.3888	Ave		0.3952				5.7		15.0			
Diphenyl	1.5934 1.4334	1.6888	1.6487	1.5583	1.4489	Ave		1.5619				6.6		15.0			
2-Chloronaphthalene	1.2352 1.1225	1.2667	1.2262	1.1888	1.1261	Ave		1.1943				5.0		15.0			
Diphenyl ether	0.8704 0.8531	0.9026	0.8805	0.8769	0.8307	Ave		0.8690				2.8		15.0			
2-Nitroaniline	0.3585 0.3559	0.4074	0.3958	0.3791	0.3564	Ave		0.3755				5.9		15.0			
Dimethylnaphthalene, total	1.0289 0.9742	1.0378	1.0669	1.0203	0.9650	Ave		1.0155				3.8		15.0			
Dimethyl phthalate	1.1654 1.1580	1.2259	1.1795	1.1672	1.1348	Ave		1.1718				2.6		15.0			
Coumarin	0.1901 0.1975	0.1982	0.1994	0.1930	0.1884	Ave		0.1944				2.4		15.0			
2,6-Dinitrotoluene	0.2393 0.2826	0.2790	0.2751	0.2804	0.2733	Ave		0.2716				6.0		15.0			
Acenaphthylene	1.9465 1.7189	1.9369	1.8609	1.7967	1.6739	Ave		1.8223				6.2		15.0			
3-Nitroaniline	0.2936 0.2675	0.2974	0.2869	0.2801	0.2676	Ave		0.2822				4.5		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 128111

SDG No.: _____

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2012 14:29 Calibration End Date: 09/16/2012 16:34 Calibration ID: 17518

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
3,5-di-tert-butyl-4-hydroxytol	1.1004 1.0510	1.1315	1.1885	1.1364	1.0753	Ave		1.1139				4.4		15.0			
Acenaphthene	1.2864 1.0255	1.2864	1.2321	1.1367	1.0509	Ave		1.1697				9.9		30.0			
2,4-Dinitrophenol	0.0983 0.1623	0.1153	0.1419	0.1489	0.1571	QuaF		7.2849	-2.401		0.0500			0.9974		0.9900	
4-Nitrophenol	0.1660 0.1712	0.1730	0.1776	0.1698	0.1726	Ave		0.1717			0.0500	2.2		15.0			
2,4-Dinitrotoluene	0.2937 0.3381	0.3391	0.3284	0.3319	0.3234	Ave		0.3258				5.1		15.0			
Dibenzofuran	1.5885 1.5064	1.6536	1.5863	1.5325	1.4721	Ave		1.5566				4.2		15.0			
2,3,4,6-Tetrachlorophenol	0.2687 0.2681	0.2748	0.2771	0.2780	0.2745	Ave		0.2735				1.5		30.0			
Diethyl phthalate	1.0889 1.0795	1.1423	1.0816	1.0851	1.0567	Ave		1.0890				2.6		15.0			
4-Chlorophenyl phenyl ether	0.6229 0.5675	0.6412	0.6160	0.5982	0.5784	Ave		0.6041				4.6		15.0			
Fluorene	1.3100 1.1175	1.3406	1.2972	1.2349	1.1508	Ave		1.2418				7.3		15.0			
4-Nitroaniline	0.2413 0.2368	0.2674	0.2594	0.2411	0.2286	Ave		0.2458				6.0		15.0			
4,6-Dinitro-2-methylphenol	0.1214 0.1450	0.1249	0.1443	0.1469	0.1555	Ave		0.1397				9.6		15.0			
N-Nitrosodiphenylamine	0.6109 0.6224	0.6209	0.6455	0.6245	0.6326	Ave		0.6261				1.9		30.0			
1,2-Diphenylhydrazine	0.9261 1.0625	1.1407	1.1207	1.0376	1.0106	Ave		1.0497				7.4		15.0			
4-Bromophenyl phenyl ether	0.2607 0.2919	0.2686	0.2691	0.2729	0.2727	Ave		0.2727				3.8		15.0			
Hexachlorobenzene	0.2925 0.3056	0.2972	0.2922	0.2863	0.2812	Ave		0.2925				2.9		15.0			
Atrazine	0.1904 0.2145	0.2103	0.2090	0.2119	0.2061	Ave		0.2070				4.2		15.0			
Pentachlorophenol	0.1577 0.1806	0.1596	0.1758	0.1747	0.1794	Ave		0.1713				5.9		30.0			
Pentachloronitrobenzene	0.0978 0.1048	0.1023	0.1053	0.1007	0.1050	Ave		0.1026				2.9					
n-Octadecane	0.5467 0.4669	0.5529	0.5866	0.5317	0.5101	Ave		0.5325				7.7		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

Analy Batch No.: 128111

SDG No.: _____

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2012 14:29 Calibration End Date: 09/16/2012 16:34 Calibration ID: 17518

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Phenanthrene	1.1619 1.1420	1.1809	1.1759	1.1198	1.1031	Ave		1.1473				2.7		15.0			
Anthracene	1.1357 1.1531	1.2140	1.1899	1.1441	1.0896	Ave		1.1544				3.8		15.0			
Carbazole	0.9116 0.8894	0.9395	0.9209	0.8926	0.8630	Ave		0.9028				3.0		15.0			
Di-n-butyl phthalate	1.0442 1.1527	1.1222	1.1431	1.1359	1.1298	Ave		1.1213				3.5		15.0			
Fluoranthene	0.9056 0.9360	0.9518	0.9462	0.9257	0.9037	Ave		0.9282				2.2		30.0			
Benzidine	0.2414 +++++	0.2786	0.1947	0.0834	0.0549	Ave		0.1706				57.3	*	15.0			
Pyrene	1.7925 1.9730	1.9380	1.8837	1.8948	1.8135	Ave		1.8826				3.7		15.0			
Butyl benzyl phthalate	0.5214 0.7470	0.6248	0.6292	0.6796	0.6878	Ave		0.6483				11.8		15.0			
Carbamazepine	0.2420 0.4933	0.3110	0.3868	0.4419	0.4505	QuaF		2.5065	-0.325						0.9995		0.9900
3,3'-Dichlorobenzidine	0.3278 0.2675	0.3595	0.3498	0.2985	0.2819	Ave		0.3142				11.9		15.0			
Benzo[a]anthracene	1.2798 1.2416	1.1824	1.1690	1.1801	1.1480	Ave		1.2001				4.2		15.0			
Bis(2-ethylhexyl) phthalate	0.6915 1.0184	0.8348	0.8631	0.9190	0.9346	Ave		0.8769				12.6		15.0			
Chrysene	1.1168 1.1423	1.1545	1.1411	1.1422	1.0899	Ave		1.1311				2.1		15.0			
Di-n-octyl phthalate	0.9815 2.0292	1.3751	1.5067	1.7124	1.8170	QuaF		0.6440	-0.025						0.9998		0.9900
Benzo[b]fluoranthene	0.7224 1.3096	1.0991	1.1074	1.1814	1.2234	QuaF		0.9048	-0.036						1.0000		0.9900
Benzo[k]fluoranthene	1.0645 1.3861	1.4226	1.4007	1.3881	1.3142	Ave		1.3294				10.1		15.0			
Benzo[a]pyrene	0.5715 1.0533	0.8532	0.9021	0.9753	0.9741	QuaF		1.1153	-0.052						0.9997		0.9900
Indeno[1,2,3-cd]pyrene	0.3283 0.8978	0.6683	0.7757	0.7758	0.8303	QuaF		1.3674	-0.094						0.9998		0.9900
Dibenz(a,h)anthracene	0.3573 0.9313	0.6558	0.7947	0.8498	0.8727	QuaF		1.2647	-0.069						0.9998		0.9900
Benzo[g,h,i]perylene	0.5817 0.9216	0.7063	0.7823	0.8208	0.8541	QuaF		1.3105	-0.082						0.9999		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

Analy Batch No.: 128111

SDG No.: _____

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2012 14:29 Calibration End Date: 09/16/2012 16:34 Calibration ID: 17518

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Fluorophenol	1.3938 1.4120	1.4590	1.4668	1.3948	1.3081	Ave		1.4058				4.1		15.0			
Phenol-d5	1.7007 1.5393	1.7660	1.7381	1.6059	1.4589	Ave		1.6348				7.4		15.0			
Nitrobenzene-d5	0.3673 0.3320	0.3668	0.3875	0.3671	0.3478	Ave		0.3614				5.3		15.0			
2-Fluorobiphenyl	1.4434 1.3717	1.4117	1.4930	1.4101	1.3339	Ave		1.4106				3.9		15.0			
2,4,6-Tribromophenol	0.1858 0.1920	0.1965	0.2008	0.1932	0.1885	Ave		0.1928				2.8		15.0			
Terphenyl-d14	1.2479 1.4346	1.2943	1.3842	1.3467	1.3056	Ave		1.3355				5.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

Analy Batch No.: 128111

SDG No.: _____

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2012 14:29 Calibration End Date: 09/16/2012 16:34 Calibration ID: 17518

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128111/7	x30149.d
Level 2	IC 460-128111/6	x30148.d
Level 3	IC 460-128111/5	x30147.d
Level 4	ICIS 460-128111/2	x30144.d
Level 5	IC 460-128111/4	x30146.d
Level 6	IC 460-128111/3	x30145.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1-Naphthylamine	ANT	Ave	0 0	0	0	0	0	5.00 120	10.0	20.0	50.0	80.0
2-Naphthylamine	ANT	Ave	0 0	0	0	0	0	5.00 120	10.0	20.0	50.0	80.0
o-Toluidine	DCB	Ave	0 0	0	0	0	0	5.00 120	10.0	20.0	50.0	80.0
2,3,7,8-TCDD (Screen)	CRY	Ave	+++++ +++++	+++++	+++++	2108	+++++	+++++ +++++	+++++	+++++	0.500	+++++
1,4-Dioxane	DCB	Ave	71460 1800847	143754	272180	688872	1044107	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodimethylamine	DCB	Ave	99424 2586534	210522	386701	991781	1495510	5.00 120	10.0	20.0	50.0	80.0
Pyridine	DCB	Ave	174614 3967872	362058	671262	1656781	2582194	5.00 120	10.0	20.0	50.0	80.0
Benzaldehyde	DCB	Ave	96612 +++++	195114	306976	446166	458428	5.00 +++++	10.0	20.0	50.0	80.0
Phenol	DCB	Ave	209514 4248247	425646	751445	1868724	2745787	5.00 120	10.0	20.0	50.0	80.0
Aniline	DCB	Ave	232967 +++++	487321	890917	2251642	3017796	5.00 +++++	10.0	20.0	50.0	80.0
Bis(2-chloroethyl)ether	DCB	Ave	15635 4022593	325717	592911	1534770	2412056	0.500 120	10.0	20.0	50.0	80.0
2-Chlorophenol	DCB	Ave	174187 3438403	358785	643582	1630919	2309196	5.00 120	10.0	20.0	50.0	80.0
Decane	DCB	Ave	169183 2835393	351563	675326	1515979	2141124	5.00 120	10.0	20.0	50.0	80.0
1,3-Dichlorobenzene	DCB	Ave	178839 4261892	381970	706445	1814137	2652756	5.00 120	10.0	20.0	50.0	80.0
1,4-Dichlorobenzene	DCB	Ave	181141 4139814	386577	718392	1827675	2640474	5.00 120	10.0	20.0	50.0	80.0
Benzyl alcohol	DCB	Ave	99393 2310539	218006	399568	1017132	1426106	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

Analy Batch No.: 128111

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2012 14:29 Calibration End Date: 09/16/2012 16:34 Calibration ID: 17518

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2-Dichlorobenzene	DCB	Ave	170932 3870575	361349	672476	1702374	2461632	5.00 120	10.0	20.0	50.0	80.0
2-Methylphenol	DCB	Ave	154699 2842306	311910	551224	1347896	1897339	5.00 120	10.0	20.0	50.0	80.0
2,2'-oxybis[1-chloropropane]	DCB	Ave	214999 3928352	449745	825956	1943268	2710659	5.00 120	10.0	20.0	50.0	80.0
3 & 4 Methylphenol	DCB	QuaF	171816 2755919	346659	586056	1322633	1856080	5.00 120	10.0	20.0	50.0	80.0
4-Methylphenol	DCB	QuaF	171816 2755919	346659	586056	1322633	1856080	5.00 120	10.0	20.0	50.0	80.0
Acetophenone	DCB	Ave	199453 3697530	431795	760121	1693214	2368625	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodi-n-propylamine	DCB	Ave	10256 2053920	224865	393374	917034	1300675	0.500 120	10.0	20.0	50.0	80.0
Hexachloroethane	DCB	Ave	6634 1518947	140250	260387	674975	977478	0.500 120	10.0	20.0	50.0	80.0
Nitrobenzene	NPT	Ave	21388 3656708	448658	813706	1848678	2529381	0.500 120	10.0	20.0	50.0	80.0
n,n'-Dimethylaniline	DCB	Ave	21543 4564894	505658	899759	2153668	2953076	0.500 120	10.0	20.0	50.0	80.0
Isophorone	NPT	Ave	258858 5675239	556121	983264	2411151	3419115	5.00 120	10.0	20.0	50.0	80.0
2-Nitrophenol	NPT	Ave	87037 1983174	183527	334067	860371	1249940	5.00 120	10.0	20.0	50.0	80.0
2,4-Dimethylphenol	NPT	Ave	149075 2816094	308708	534892	1316856	1835664	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethoxy)methane	NPT	Ave	162757 3537739	349481	633025	1543963	2191461	5.00 120	10.0	20.0	50.0	80.0
Benzoic acid	NPT	Ave	63854 1661837	169367	335842	810889	1245773	5.00 120	10.0	20.0	50.0	80.0
2,4-Dichlorophenol	NPT	Ave	126991 2478101	260928	461984	1153836	1632972	5.00 120	10.0	20.0	50.0	80.0
1,2,4-Trichlorobenzene	NPT	Ave	13046 3107208	282677	511780	1298789	1883990	0.500 120	10.0	20.0	50.0	80.0
Naphthalene	NPT	Ave	463330 9132017	981399	1766744	4177891	5779434	5.00 120	10.0	20.0	50.0	80.0
4-Chloroaniline	NPT	Ave	172901 3456464	376568	655467	1552607	2195481	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobutadiene	NPT	Ave	15299 1837296	164240	306720	777682	1137025	1.00 120	10.0	20.0	50.0	80.0
Caprolactam	NPT	Ave	32597 909156	78747	139499	350382	500212	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

Analy Batch No.: 128111

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2012 14:29 Calibration End Date: 09/16/2012 16:34 Calibration ID: 17518

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
4-Chloro-3-methylphenol	NPT	Ave	118428 2304512	247830	429447	1052380	1484117	5.00 120	10.0	20.0	50.0	80.0
2-Methylnaphthalene	NPT	Ave	279518 5942345	609848	1097374	2624807	3655330	5.00 120	10.0	20.0	50.0	80.0
1-Methylnaphthalene	NPT	Ave	289318 6022593	607703	1149503	2696312	3765731	5.00 120	10.0	20.0	50.0	80.0
Hexachlorocyclopentadiene	ANT	Ave	76935 1878160	155259	290509	776892	1125151	5.00 120	10.0	20.0	50.0	80.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	127057 2878795	272203	495581	1270662	1809929	5.00 120	10.0	20.0	50.0	80.0
2-tertbutyl-4-methylphenol	NPT	Ave	190903 4208772	412115	781494	1851659	2621245	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Trichlorophenol	ANT	Ave	81964 1906005	173456	301719	750447	1115840	5.00 120	10.0	20.0	50.0	80.0
2,4,5-Trichlorophenol	ANT	Ave	84386 1599459	173651	305992	757972	1097059	5.00 120	10.0	20.0	50.0	80.0
Diphenyl	ANT	Ave	318604 6439367	717471	1272443	2957732	4088247	5.00 120	10.0	20.0	50.0	80.0
2-Chloronaphthalene	ANT	Ave	246976 5042396	538154	946427	2256323	3177328	5.00 120	10.0	20.0	50.0	80.0
Diphenyl ether	ANT	Ave	174037 3832451	383457	679570	1664307	2343944	5.00 120	10.0	20.0	50.0	80.0
2-Nitroaniline	ANT	Ave	143374 1598597	173078	305459	719615	1005662	10.0 120	10.0	20.0	50.0	80.0
Dimethylnaphthalene, total	ANT	Ave	205734 4376482	440900	823468	1936464	2722759	5.00 120	10.0	20.0	50.0	80.0
Dimethyl phthalate	ANT	Ave	233016 5202023	520812	910367	2215432	3201881	5.00 120	10.0	20.0	50.0	80.0
Coumarin	NPT	Ave	77205 1830678	168030	315952	775436	1115499	5.00 120	10.0	20.0	50.0	80.0
2,6-Dinitrotoluene	ANT	Ave	9571 1269720	118546	212320	532177	771109	1.00 120	10.0	20.0	50.0	80.0
Acenaphthylene	ANT	Ave	389197 7721857	822857	1436281	3410098	4723085	5.00 120	10.0	20.0	50.0	80.0
3-Nitroaniline	ANT	Ave	117406 1201743	126355	221397	531686	755144	10.0 120	10.0	20.0	50.0	80.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	220022 4721501	480701	917290	2156986	3033958	5.00 120	10.0	20.0	50.0	80.0
Acenaphthene	ANT	Ave	257220 4606573	546525	950948	2157409	2965204	5.00 120	10.0	20.0	50.0	80.0
2,4-Dinitrophenol	ANT	QuaF	58950 728882	97981	164330	282525	443282	15.0 120	20.0	30.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

Analy Batch No.: 128111

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2012 14:29 Calibration End Date: 09/16/2012 16:34 Calibration ID: 17518

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
4-Nitrophenol	ANT	Ave	99600 769153	147008	205577	322294	487130	15.0 120	20.0	30.0	50.0	80.0
2,4-Dinitrotoluene	ANT	Ave	11746 1518973	144047	253489	629923	912612	1.00 120	10.0	20.0	50.0	80.0
Dibenzofuran	ANT	Ave	317622 6767141	702490	1224292	2908802	4153607	5.00 120	10.0	20.0	50.0	80.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	53720 1204192	116728	213836	527692	774659	5.00 120	10.0	20.0	50.0	80.0
Diethyl phthalate	ANT	Ave	217720 4849541	485279	834799	2059467	2981530	5.00 120	10.0	20.0	50.0	80.0
4-Chlorophenyl phenyl ether	ANT	Ave	124554 2549271	272418	475469	1135338	1632127	5.00 120	10.0	20.0	50.0	80.0
Fluorene	ANT	Ave	261921 5020068	569552	1001152	2343817	3246931	5.00 120	10.0	20.0	50.0	80.0
4-Nitroaniline	ANT	Ave	96489 1063810	113612	200175	457694	645028	10.0 120	10.0	20.0	50.0	80.0
4,6-Dinitro-2-methylphenol	PHN	Ave	94071 770529	137516	209697	346874	534206	15.0 120	20.0	30.0	50.0	80.0
N-Nitrosodiphenylamine	PHN	Ave	157747 3308084	341874	625325	1474432	2172766	5.00 120	10.0	20.0	50.0	80.0
1,2-Diphenylhydrazine	PHN	Ave	239154 5646946	628043	1085724	2449546	3471164	5.00 120	10.0	20.0	50.0	80.0
4-Bromophenyl phenyl ether	PHN	Ave	67325 1551537	147878	260737	644193	936609	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobenzene	PHN	Ave	7552 1624223	163608	283069	675796	965749	0.500 120	10.0	20.0	50.0	80.0
Atrazine	PHN	Ave	49157 1139769	115763	202478	500326	707984	5.00 120	10.0	20.0	50.0	80.0
Pentachlorophenol	PHN	Ave	122174 959573	175775	255512	412389	616309	15.0 120	20.0	30.0	50.0	80.0
Pentachloronitrobenzene	PHN	Ave	25244 556709	56346	102005	237737	360621	5.00 120	10.0	20.0	50.0	80.0
n-Octadecane	PHN	Ave	141164 2481425	304438	568327	1255275	1751931	5.00 120	10.0	20.0	50.0	80.0
Phenanthrene	PHN	Ave	300029 6069466	650196	1139159	2643727	3788846	5.00 120	10.0	20.0	50.0	80.0
Anthracene	PHN	Ave	293274 6128073	668416	1152767	2700991	3742408	5.00 120	10.0	20.0	50.0	80.0
Carbazole	PHN	Ave	235402 4726905	517286	892100	2107356	2963948	5.00 120	10.0	20.0	50.0	80.0
Di-n-butyl phthalate	PHN	Ave	269646 6126396	617874	1107389	2681771	3880400	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

Analy Batch No.: 128111

SDG No.:

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2012 14:29 Calibration End Date: 09/16/2012 16:34 Calibration ID: 17518

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Fluoranthene	PHN	Ave	233856 4974518	524046	916620	2185336	3104015	5.00 120	10.0	20.0	50.0	80.0
Benzidine	PHN	Ave	62341 +++++	306825	282932	196872	188417	5.00 +++++	20.0	30.0	50.0	80.0
Pyrene	CRY	Ave	236114 4732601	518915	896300	2102927	2937888	5.00 120	10.0	20.0	50.0	80.0
Butyl benzyl phthalate	CRY	Ave	68675 1791911	167284	299367	754267	1114292	5.00 120	10.0	20.0	50.0	80.0
Carbamazepine	CRY	QuaF	31878 1183292	83285	184061	490412	729748	5.00 120	10.0	20.0	50.0	80.0
3,3'-Dichlorobenzidine	CRY	Ave	86351 641738	192496	249660	331277	456730	10.0 120	20.0	30.0	50.0	80.0
Benzo[a]anthracene	CRY	Ave	16858 2978172	316595	556224	1309737	1859755	0.500 120	10.0	20.0	50.0	80.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	91089 2442871	223513	410683	1020007	1514118	5.00 120	10.0	20.0	50.0	80.0
Chrysene	CRY	Ave	147108 2740027	309122	542952	1267708	1765668	5.00 120	10.0	20.0	50.0	80.0
Di-n-octyl phthalate	PRY	QuaF	76348 3122036	213899	453145	1249392	1895543	5.00 120	10.0	20.0	50.0	80.0
Benzo[b]fluoranthene	PRY	QuaF	5619 2014823	170979	333040	861975	1276332	0.500 120	10.0	20.0	50.0	80.0
Benzo[k]fluoranthene	PRY	Ave	8280 2132574	221298	421258	1012816	1371058	0.500 120	10.0	20.0	50.0	80.0
Benzo[a]pyrene	PRY	QuaF	4445 1620545	132726	271313	711582	1016247	0.500 120	10.0	20.0	50.0	80.0
Indeno[1,2,3-cd]pyrene	PRY	QuaF	2554 1381295	103961	233279	566020	866208	0.500 120	10.0	20.0	50.0	80.0
Dibenz(a,h)anthracene	PRY	QuaF	2779 1432853	102010	238999	620044	910453	0.500 120	10.0	20.0	50.0	80.0
Benzol[g,h,i]perylene	PRY	QuaF	45248 1417960	109871	235274	598850	890994	5.00 120	10.0	20.0	50.0	80.0
2-Fluorophenol	DCB	Ave	149889 3612635	323739	618370	1539545	2188252	5.00 120	10.0	20.0	50.0	80.0
Phenol-d5	DCB	Ave	182888 3938280	391871	732750	1772516	2440448	5.00 120	10.0	20.0	50.0	80.0
Nitrobenzene-d5	NPT	Ave	149156 3076825	310877	613977	1475217	2059600	5.00 120	10.0	20.0	50.0	80.0
2-Fluorobiphenyl	ANT	Ave	288600 6161816	599740	1152303	2676302	3763791	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Tribromophenol	ANT	Ave	37156 862435	83470	155009	366616	532002	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 128111

SDG No.: _____

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2012 14:29 Calibration End Date: 09/16/2012 16:34 Calibration ID: 17518

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
Terphenyl-d14	CRY	Ave	164381 3441289	346560	658611	1494610	2115047	5.00 120	10.0	20.0	50.0	80.0

Curve Type Legend:

Ave = Average ISTD

QuaF = Quadratic ISTD forced zero

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.:

Lab Sample ID: CCVIS 460-127512/2

Calibration Date: 09/12/2012 01:21

Instrument ID: BNAMS4

Calib Start Date: 09/07/2012 16:24

GC Column: Rtx-5MS ID: 0.25 (mm)

Calib End Date: 09/07/2012 18:03

Lab File ID: u80437.d

Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4578	0.4835		52800	50000	5.6	20.0
N-Nitrosodimethylamine	Ave	0.8754	0.8710		49700	50000	-0.5	20.0
Pyridine	Ave	1.355	1.391		51300	50000	2.7	20.0
Benzaldehyde	Ave	0.7837	0.3768		24000	50000	-51.9*	20.0
Aniline	Ave	1.984	2.152		54200	50000	8.4	20.0
Phenol	Ave	1.928	2.059		53400	50000	6.8	20.0
Bis(2-chloroethyl)ether	Ave	1.642	1.622		49400	50000	-1.2	20.0
2-Chlorophenol	Ave	1.492	1.614		54100	50000	8.2	20.0
Decane	Ave	1.469	1.515		51500	50000	3.1	20.0
1,3-Dichlorobenzene	Ave	1.517	1.587		52300	50000	4.6	20.0
1,4-Dichlorobenzene	Ave	1.572	1.657		52700	50000	5.4	20.0
1,2-Dichlorobenzene	Ave	1.503	1.531		51000	50000	1.9	20.0
Benzyl alcohol	Ave	1.033	1.140		55100	50000	10.3	20.0
2,2'-oxybis[1-chloropropane]	Ave	2.340	2.558		54700	50000	9.3	20.0
2-Methylphenol	Ave	1.449	1.470		50700	50000	1.5	20.0
Acetophenone	Ave	2.135	2.212		51800	50000	3.6	20.0
N-Nitrosodi-n-propylamine	Ave	1.313	1.377	0.0500	52400	50000	4.8	20.0
3 & 4 Methylphenol	Ave	1.532	1.685		55000	50000	10.0	20.0
4-Methylphenol	Ave	1.528	1.666		54500	50000	9.1	20.0
Hexachloroethane	Ave	0.8300	0.8922		53700	50000	7.5	20.0
n,n'-Dimethylaniline	Ave	2.210	2.406		54400	50000	8.8	20.0
Nitrobenzene	Ave	0.6656	0.6402		48100	50000	-3.8	20.0
Isophorone	Ave	0.8274	0.8122		49100	50000	-1.8	20.0
2-Nitrophenol	Ave	0.2182	0.2211		50700	50000	1.3	20.0
2,4-Dimethylphenol	Ave	0.3539	0.3715		52500	50000	5.0	20.0
Bis(2-chloroethoxy)methane	Ave	0.4652	0.4603		49500	50000	-1.1	20.0
2,4-Dichlorophenol	Ave	0.3371	0.3401		50400	50000	0.9	20.0
1,2,4-Trichlorobenzene	Ave	0.3702	0.3787		51100	50000	2.3	20.0
Benzoic acid	Ave	0.2349	0.2326		49500	50000	-1.0	20.0
Naphthalene	Ave	1.072	1.121		52300	50000	4.5	20.0
4-Chloroaniline	Ave	0.4107	0.4320		52600	50000	5.2	20.0
Hexachlorobutadiene	Ave	0.2365	0.2584		54600	50000	9.3	20.0
Caprolactam	Ave	0.1027	0.1123		54700	50000	9.4	20.0
4-Chloro-3-methylphenol	Ave	0.3714	0.3498		47100	50000	-5.8	20.0
2-Methylnaphthalene	Ave	0.6362	0.6557		51500	50000	3.1	20.0
1-Methylnaphthalene	Ave	0.6605	0.7129		54000	50000	7.9	20.0
Hexachlorocyclopentadiene	QuaF	0.2234	0.2645	0.0500	47300	50000	-5.4	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.7030	0.7243		51500	50000	3.0	20.0
2-tertbutyl-4-methylphenol	Ave	0.4891	0.5346		54600	50000	9.3	20.0
2,4,6-Trichlorophenol	Ave	0.4494	0.4413		49100	50000	-1.8	20.0
2,4,5-Trichlorophenol	Ave	0.4722	0.4871		51600	50000	3.2	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.:

Lab Sample ID: CCVIS 460-127512/2

Calibration Date: 09/12/2012 01:21

Instrument ID: BNAMS4

Calib Start Date: 09/07/2012 16:24

GC Column: Rtx-5MS ID: 0.25 (mm)

Calib End Date: 09/07/2012 18:03

Lab File ID: u80437.d

Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diphenyl	Ave	1.360	1.396		51400	50000	2.7	20.0
2-Chloronaphthalene	Ave	1.139	1.156		50800	50000	1.5	20.0
Diphenyl ether	Ave	0.7678	0.7743		50400	50000	0.9	20.0
2-Nitroaniline	Ave	0.4430	0.4312		48700	50000	-2.7	20.0
Dimethylnaphthalene, total	Ave	0.8721	0.9006		51600	50000	3.3	20.0
Dimethyl phthalate	Ave	1.290	1.290		50000	50000	0.0	20.0
Coumarin	Ave	0.2458	0.2575		52400	50000	4.7	20.0
2,6-Dinitrotoluene	Ave	0.3090	0.3262		52800	50000	5.6	20.0
Acenaphthylene	Ave	1.715	1.664		48500	50000	-3.0	20.0
3-Nitroaniline	Ave	0.3250	0.3305		50800	50000	1.7	20.0
Acenaphthene	Ave	1.014	0.9936		49000	50000	-2.0	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	0.9301	1.006		54100	50000	8.2	20.0
2,4-Dinitrophenol	Ave	0.1805	0.2011	0.0500	55700	50000	11.4	20.0
Dibenzofuran	Ave	1.549	1.617		52200	50000	4.4	20.0
2,4-Dinitrotoluene	Ave	0.4071	0.4032		49500	50000	-0.9	20.0
4-Nitrophenol	Ave	0.2742	0.2815	0.0500	51300	50000	2.7	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2988	0.3199		53500	50000	7.0	20.0
Diethyl phthalate	Ave	1.331	1.375		51700	50000	3.3	20.0
Fluorene	Ave	1.213	1.277		52600	50000	5.2	20.0
4-Chlorophenyl phenyl ether	Ave	0.6583	0.6494		49300	50000	-1.4	20.0
4-Nitroaniline	Ave	0.2751	0.2777		50500	50000	0.9	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1710	0.1673		48900	50000	-2.1	20.0
N-Nitrosodiphenylamine	Ave	0.5065	0.4897		48300	50000	-3.3	20.0
1,2-Diphenylhydrazine	LinF	1.127	1.095		42800	50000	-14.3	20.0
4-Bromophenyl phenyl ether	Ave	0.2184	0.2336		53500	50000	6.9	20.0
Hexachlorobenzene	Ave	0.2747	0.2729		49700	50000	-0.6	20.0
Atrazine	Ave	0.2100	0.2136		50900	50000	1.7	20.0
Pentachloronitrobenzene	Ave	0.1193	0.1163		48700	50000	-2.5	
Pentachlorophenol	QuaF	0.1478	0.1592		51000	50000	2.1	20.0
n-Octadecane	Ave	0.5601	0.5415		48300	50000	-3.3	20.0
Phenanthrrene	Ave	1.059	1.101		52000	50000	4.0	20.0
Anthracene	Ave	1.081	1.059		49000	50000	-2.0	20.0
Carbazole	Ave	0.8844	0.8658		49000	50000	-2.1	20.0
Di-n-butyl phthalate	Ave	1.321	1.357		51400	50000	2.8	20.0
Fluoranthene	Ave	1.112	1.138		51200	50000	2.3	20.0
Benzidine	Ave	0.2340	0.1633		34900	50000	-30.2*	20.0
Pyrene	Ave	1.577	1.539		48800	50000	-2.4	20.0
Butyl benzyl phthalate	Ave	0.7450	0.7702		51700	50000	3.4	20.0
2,3,7,8-TCDD (Screen)	Ave	0.1336	0.1752		656	500	31.1*	20.0
Carbamazepine	Ave	0.5597	0.5705		51000	50000	1.9	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Lab Sample ID: CCVIS 460-127512/2 Calibration Date: 09/12/2012 01:21

Instrument ID: BNAMS4 Calib Start Date: 09/07/2012 16:24

GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 09/07/2012 18:03

Lab File ID: u80437.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
3,3'-Dichlorobenzidine	Ave	0.3781	0.3605		47700	50000	-4.7	20.0
Benzo[a]anthracene	Ave	1.259	1.219		48400	50000	-3.2	20.0
Chrysene	Ave	1.117	1.081		48400	50000	-3.2	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.9765	0.999		51100	50000	2.3	20.0
Di-n-octyl phthalate	Ave	1.690	1.769		52300	50000	4.6	20.0
Benzo[b]fluoranthene	Ave	1.142	1.071		46900	50000	-6.2	20.0
Benzo[k]fluoranthene	Ave	1.118	1.230		55000	50000	10.0	20.0
Benzo[a]pyrene	Ave	0.9267	0.9665		52100	50000	4.3	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.066	0.9333		43800	50000	-12.5	20.0
Dibenz(a,h)anthracene	LinF	0.9297	0.9501		45800	50000	-8.3	20.0
Benzo[g,h,i]perylene	Ave	0.9887	1.035		52400	50000	4.7	20.0
2-Fluorophenol	Ave	1.449	1.617		55800	50000	11.5	20.0
Phenol-d5	Ave	1.904	2.070		54400	50000	8.7	20.0
Nitrobenzene-d5	Ave	0.4831	0.4907		50800	50000	1.6	20.0
2-Fluorobiphenyl	Ave	1.310	1.405		53600	50000	7.2	20.0
2,4,6-Tribromophenol	Ave	0.2596	0.2649		51000	50000	2.0	20.0
Terphenyl-d14	Ave	0.9567	0.9852		51500	50000	3.0	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.:

Lab Sample ID: CCVIS 460-128115/2

Calibration Date: 09/16/2012 22:10

Instrument ID: BNAMS5

Calib Start Date: 09/16/2012 14:29

GC Column: Rtx-5MS ID: 0.25 (mm)

Calib End Date: 09/16/2012 16:34

Lab File ID: x30152.d

Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6517	0.6240		47900	50000	-4.3	20.0
N-Nitrosodimethylamine	Ave	0.9324	0.9079		48700	50000	-2.6	20.0
Pyridine	Ave	1.574	1.528		48500	50000	-2.9	20.0
Benzaldehyde	Ave	0.6368	0.2165		17000	50000	-66.0*	20.0
Phenol	Ave	1.774	1.730		48700	50000	-2.5	20.0
Aniline	Ave	2.064	2.064		50000	50000	0.0	20.0
Bis(2-chloroethyl)ether	Ave	1.455	1.378		47300	50000	-5.3	20.0
2-Chlorophenol	Ave	1.494	1.460		48900	50000	-2.3	20.0
Decane	Ave	1.420	1.385		48800	50000	-2.5	20.0
1,3-Dichlorobenzene	Ave	1.659	1.619		48800	50000	-2.4	20.0
1,4-Dichlorobenzene	Ave	1.664	1.648		49500	50000	-1.0	20.0
Benzyl alcohol	Ave	0.9219	0.9465		51300	50000	2.7	20.0
1,2-Dichlorobenzene	Ave	1.557	1.540		49500	50000	-1.1	20.0
2-Methylphenol	Ave	1.270	1.265		49800	50000	-0.3	20.0
2,2'-oxybis[1-chloropropane]	Ave	1.817	1.840		50600	50000	1.3	20.0
3 & 4 Methylphenol	QuaF	1.323	1.232		51400	50000	2.7	20.0
4-Methylphenol	QuaF	1.323	1.232		51400	50000	2.7	20.0
Acetophenone	Ave	1.666	1.584		47500	50000	-4.9	20.0
N-Nitrosodi-n-propylamine	Ave	0.8852	0.8578	0.0500	48400	50000	-3.1	20.0
Hexachloroethane	Ave	0.6094	0.6027		49500	50000	-1.1	20.0
n,n'-Dimethylaniline	Ave	1.986	1.985		50000	50000	-0.0	20.0
Nitrobenzene	Ave	0.4752	0.4604		48400	50000	-3.1	20.0
Isophorone	Ave	0.6173	0.6031		48800	50000	-2.3	20.0
2-Nitrophenol	Ave	0.2135	0.2107		49300	50000	-1.3	20.0
2,4-Dimethylphenol	Ave	0.3351	0.3267		48800	50000	-2.5	20.0
Bis(2-chloroethoxy)methane	Ave	0.3914	0.3890		49700	50000	-0.6	20.0
Benzoic acid	Ave	0.1934	0.1753		45300	50000	-9.4	20.0
2,4-Dichlorophenol	Ave	0.2904	0.2848		49000	50000	-1.9	20.0
1,2,4-Trichlorobenzene	Ave	0.3257	0.3181		48800	50000	-2.3	20.0
Naphthalene	Ave	1.069	1.040		48600	50000	-2.8	20.0
4-Chloroaniline	Ave	0.4023	0.3872		48100	50000	-3.8	20.0
Hexachlorobutadiene	Ave	0.1933	0.1894		49000	50000	-2.0	20.0
Caprolactam	Ave	0.0885	0.0882		49800	50000	-0.4	20.0
4-Chloro-3-methylphenol	Ave	0.2694	0.2628		48800	50000	-2.4	20.0
2-Methylnaphthalene	Ave	0.6687	0.6480		48500	50000	-3.1	20.0
1-Methylnaphthalene	Ave	0.6853	0.6647		48500	50000	-3.0	20.0
Hexachlorocyclopentadiene	Ave	0.3921	0.4017	0.0500	51200	50000	2.4	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6450	0.6554		50800	50000	1.6	20.0
2-tertbutyl-4-methylphenol	Ave	0.4679	0.4652		49700	50000	-0.6	20.0
2,4,6-Trichlorophenol	Ave	0.4040	0.3870		47900	50000	-4.2	20.0
2,4,5-Trichlorophenol	Ave	0.3952	0.3947		49900	50000	-0.1	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.:

Lab Sample ID: CCVIS 460-128115/2

Calibration Date: 09/16/2012 22:10

Instrument ID: BNAMS5

Calib Start Date: 09/16/2012 14:29

GC Column: Rtx-5MS ID: 0.25 (mm)

Calib End Date: 09/16/2012 16:34

Lab File ID: x30152.d

Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diphenyl	Ave	1.562	1.537		49200	50000	-1.6	20.0
2-Chloronaphthalene	Ave	1.194	1.173		49100	50000	-1.8	20.0
Diphenyl ether	Ave	0.8690	0.8637		49700	50000	-0.6	20.0
2-Nitroaniline	Ave	0.3755	0.3785		50400	50000	0.8	20.0
Dimethylnaphthalene, total	Ave	1.016	1.020		50200	50000	0.4	20.0
Dimethyl phthalate	Ave	1.172	1.176		50200	50000	0.3	20.0
Coumarin	Ave	0.1944	0.1955		50300	50000	0.6	20.0
2,6-Dinitrotoluene	Ave	0.2716	0.2741		50500	50000	0.9	20.0
Acenaphthylene	Ave	1.822	1.780		48800	50000	-2.3	20.0
3-Nitroaniline	Ave	0.2822	0.2792		49500	50000	-1.1	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.114	1.119		50200	50000	0.5	20.0
Acenaphthene	Ave	1.170	1.137		48600	50000	-2.8	20.0
2,4-Dinitrophenol	QuaF	0.1373	0.1416	0.0500	48600	50000	-2.9	20.0
4-Nitrophenol	Ave	0.1717	0.1699	0.0500	49500	50000	-1.1	20.0
2,4-Dinitrotoluene	Ave	0.3258	0.3270		50200	50000	0.4	20.0
Dibenzofuran	Ave	1.557	1.524		49000	50000	-2.1	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2735	0.2791		51000	50000	2.1	20.0
Diethyl phthalate	Ave	1.089	1.078		49500	50000	-1.0	20.0
4-Chlorophenyl phenyl ether	Ave	0.6041	0.5944		49200	50000	-1.6	20.0
Fluorene	Ave	1.242	1.237		49800	50000	-0.4	20.0
4-Nitroaniline	Ave	0.2458	0.2376		48300	50000	-3.3	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1397	0.1465		52400	50000	4.9	20.0
N-Nitrosodiphenylamine	Ave	0.6261	0.6276		50100	50000	0.2	20.0
1,2-Diphenylhydrazine	Ave	1.050	1.068		50900	50000	1.7	20.0
4-Bromophenyl phenyl ether	Ave	0.2727	0.2733		50100	50000	0.2	20.0
Hexachlorobenzene	Ave	0.2925	0.2916		49800	50000	-0.3	20.0
Atrazine	Ave	0.2070	0.2151		52000	50000	3.9	20.0
Pentachlorophenol	Ave	0.1713	0.1721		50200	50000	0.5	20.0
Pentachloronitrobenzene	Ave	0.1026	0.1008		49100	50000	-1.8	
n-Octadecane	Ave	0.5325	0.5515		51800	50000	3.6	20.0
Phenanthrenene	Ave	1.147	1.136		49500	50000	-1.0	20.0
Anthracene	Ave	1.154	1.153		49900	50000	-0.1	20.0
Carbazole	Ave	0.9028	0.9069		50200	50000	0.4	20.0
Di-n-butyl phthalate	Ave	1.121	1.155		51500	50000	3.0	20.0
Fluoranthene	Ave	0.9282	0.9338		50300	50000	0.6	20.0
Benzidine	Ave	0.1706	0.0448		13100	50000	-73.8*	20.0
Pyrene	Ave	1.883	1.921		51000	50000	2.0	20.0
Butyl benzyl phthalate	Ave	0.6483	0.6836		52700	50000	5.4	20.0
2,3,7,8-TCDD (Screen)	Ave	0.1899	0.1956		515	500	3.0	20.0
Carbamazepine	QuaF	0.3876	0.4289		50000	50000	0.0	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Lab Sample ID: CCVIS 460-128115/2 Calibration Date: 09/16/2012 22:10

Instrument ID: BNAMS5 Calib Start Date: 09/16/2012 14:29

GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 09/16/2012 16:34

Lab File ID: x30152.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
3,3'-Dichlorobenzidine	Ave	0.3142	0.2771		44100	50000	-11.8	20.0
Benzo[a]anthracene	Ave	1.200	1.160		48300	50000	-3.3	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.8769	0.9036		51500	50000	3.0	20.0
Chrysene	Ave	1.131	1.119		49500	50000	-1.0	20.0
Di-n-octyl phthalate	QuaF	1.570	1.685		49800	50000	-0.4	20.0
Benzo[b]fluoranthene	QuaF	1.107	1.202		51100	50000	2.2	20.0
Benzo[k]fluoranthene	Ave	1.329	1.382		52000	50000	4.0	20.0
Benzo[a]pyrene	QuaF	0.8883	0.9585		50500	50000	0.9	20.0
Indeno[1,2,3-cd]pyrene	QuaF	0.7127	0.6714		43200	50000	-13.5	20.0
Dibenz(a,h)anthracene	QuaF	0.7436	0.8112		48500	50000	-3.0	20.0
Benzo[g,h,i]perylene	QuaF	0.7778	0.8023		49300	50000	-1.4	20.0
2-Fluorophenol	Ave	1.406	1.405		50000	50000	-0.0	20.0
Phenol-d5	Ave	1.635	1.648		50400	50000	0.8	20.0
Nitrobenzene-d5	Ave	0.3614	0.3661		50600	50000	1.3	20.0
2-Fluorobiphenyl	Ave	1.411	1.380		48900	50000	-2.2	20.0
2,4,6-Tribromophenol	Ave	0.1928	0.1940		50300	50000	0.6	20.0
Terphenyl-d14	Ave	1.336	1.387		51900	50000	3.8	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.:

Lab Sample ID: CCVIS 460-128299/2

Calibration Date: 09/17/2012 09:10

Instrument ID: BNAMS5

Calib Start Date: 09/16/2012 14:29

GC Column: Rtx-5MS ID: 0.25 (mm)

Calib End Date: 09/16/2012 16:34

Lab File ID: x30166.d

Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6517	0.6663		51100	50000	2.2	20.0
N-Nitrosodimethylamine	Ave	0.9324	0.9249		49600	50000	-0.8	20.0
Pyridine	Ave	1.574	1.551		49300	50000	-1.5	20.0
Benzaldehyde	Ave	0.6368	0.2978		23400	50000	-53.2*	20.0
Phenol	Ave	1.774	1.625		45800	50000	-8.4	20.0
Aniline	Ave	2.064	1.980		48000	50000	-4.0	20.0
Bis(2-chloroethyl)ether	Ave	1.455	1.337		45900	50000	-8.2	20.0
2-Chlorophenol	Ave	1.494	1.426		47700	50000	-4.5	20.0
Decane	Ave	1.420	1.445		50900	50000	1.8	20.0
1,3-Dichlorobenzene	Ave	1.659	1.633		49200	50000	-1.6	20.0
1,4-Dichlorobenzene	Ave	1.664	1.635		49100	50000	-1.7	20.0
Benzyl alcohol	Ave	0.9219	0.8639		46900	50000	-6.3	20.0
1,2-Dichlorobenzene	Ave	1.557	1.528		49100	50000	-1.9	20.0
2-Methylphenol	Ave	1.270	1.176		46300	50000	-7.3	20.0
2,2'-oxybis[1-chloropropane]	Ave	1.817	1.761		48400	50000	-3.1	20.0
3 & 4 Methylphenol	QuaF	1.323	1.160		48000	50000	-4.0	20.0
4-Methylphenol	QuaF	1.323	1.160		48000	50000	-4.0	20.0
Acetophenone	Ave	1.666	1.487		44600	50000	-10.8	20.0
N-Nitrosodi-n-propylamine	Ave	0.8852	0.7973	0.0500	45000	50000	-9.9	20.0
Hexachloroethane	Ave	0.6094	0.6079		49900	50000	-0.2	20.0
n,n'-Dimethylaniline	Ave	1.986	1.904		47900	50000	-4.2	20.0
Nitrobenzene	Ave	0.4752	0.4692		49400	50000	-1.3	20.0
Isophorone	Ave	0.6173	0.5896		47700	50000	-4.5	20.0
2-Nitrophenol	Ave	0.2135	0.2089		48900	50000	-2.1	20.0
2,4-Dimethylphenol	Ave	0.3351	0.3191		47600	50000	-4.8	20.0
Bis(2-chloroethoxy)methane	Ave	0.3914	0.3783		48300	50000	-3.4	20.0
Benzoic acid	Ave	0.1934	0.0993		25700	50000	-48.6*	20.0
2,4-Dichlorophenol	Ave	0.2904	0.2742		47200	50000	-5.6	20.0
1,2,4-Trichlorobenzene	Ave	0.3257	0.3170		48700	50000	-2.7	20.0
Naphthalene	Ave	1.069	1.041		48700	50000	-2.6	20.0
4-Chloroaniline	Ave	0.4023	0.3769		46800	50000	-6.3	20.0
Hexachlorobutadiene	Ave	0.1933	0.1877		48600	50000	-2.9	20.0
Caprolactam	Ave	0.0885	0.0817		46200	50000	-7.7	20.0
4-Chloro-3-methylphenol	Ave	0.2694	0.2573		47800	50000	-4.5	20.0
2-Methylnaphthalene	Ave	0.6687	0.6388		47800	50000	-4.5	20.0
1-Methylnaphthalene	Ave	0.6853	0.6590		48100	50000	-3.8	20.0
Hexachlorocyclopentadiene	Ave	0.3921	0.3918	0.0500	50000	50000	-0.0	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6450	0.6523		50600	50000	1.1	20.0
2-tertbutyl-4-methylphenol	Ave	0.4679	0.4505		48100	50000	-3.7	20.0
2,4,6-Trichlorophenol	Ave	0.4040	0.3982		49300	50000	-1.4	20.0
2,4,5-Trichlorophenol	Ave	0.3952	0.3891		49200	50000	-1.6	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.:

Lab Sample ID: CCVIS 460-128299/2

Calibration Date: 09/17/2012 09:10

Instrument ID: BNAMS5

Calib Start Date: 09/16/2012 14:29

GC Column: Rtx-5MS ID: 0.25 (mm)

Calib End Date: 09/16/2012 16:34

Lab File ID: x30166.d

Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diphenyl	Ave	1.562	1.552		49700	50000	-0.6	20.0
2-Chloronaphthalene	Ave	1.194	1.191		49800	50000	-0.3	20.0
Diphenyl ether	Ave	0.8690	0.8546		49200	50000	-1.7	20.0
2-Nitroaniline	Ave	0.3755	0.3864		51500	50000	2.9	20.0
Dimethylnaphthalene, total	Ave	1.016	1.035		51000	50000	1.9	20.0
Dimethyl phthalate	Ave	1.172	1.166		49700	50000	-0.5	20.0
Coumarin	Ave	0.1944	0.1990		51200	50000	2.3	20.0
2,6-Dinitrotoluene	Ave	0.2716	0.2808		51700	50000	3.4	20.0
Acenaphthylene	Ave	1.822	1.795		49200	50000	-1.5	20.0
3-Nitroaniline	Ave	0.2822	0.2901		51400	50000	2.8	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.114	1.117		50100	50000	0.3	20.0
Acenaphthene	Ave	1.170	1.131		48300	50000	-3.3	20.0
2,4-Dinitrophenol	QuaF	0.1373	0.1051	0.0500	36600	50000	-26.7*	20.0
4-Nitrophenol	Ave	0.1717	0.1879	0.0500	54700	50000	9.4	20.0
2,4-Dinitrotoluene	Ave	0.3258	0.3480		53400	50000	6.8	20.0
Dibenzofuran	Ave	1.557	1.536		49400	50000	-1.3	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2735	0.2804		51300	50000	2.5	20.0
Diethyl phthalate	Ave	1.089	1.108		50900	50000	1.8	20.0
4-Chlorophenyl phenyl ether	Ave	0.6041	0.6112		50600	50000	1.2	20.0
Fluorene	Ave	1.242	1.278		51400	50000	2.9	20.0
4-Nitroaniline	Ave	0.2458	0.2697		54900	50000	9.7	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1397	0.1239		44400	50000	-11.3	20.0
N-Nitrosodiphenylamine	Ave	0.6261	0.6070		48500	50000	-3.1	20.0
1,2-Diphenylhydrazine	Ave	1.050	1.020		48600	50000	-2.9	20.0
4-Bromophenyl phenyl ether	Ave	0.2727	0.2477		45400	50000	-9.2	20.0
Hexachlorobenzene	Ave	0.2925	0.2800		47900	50000	-4.3	20.0
Atrazine	Ave	0.2070	0.2153		52000	50000	4.0	20.0
Pentachlorophenol	Ave	0.1713	0.1651		48200	50000	-3.6	20.0
Pentachloronitrobenzene	Ave	0.1026	0.0976		47600	50000	-4.9	
n-Octadecane	Ave	0.5325	0.5138		48200	50000	-3.5	20.0
Phenanthrene	Ave	1.147	1.150		50100	50000	0.2	20.0
Anthracene	Ave	1.154	1.160		50200	50000	0.4	20.0
Carbazole	Ave	0.9028	0.9495		52600	50000	5.2	20.0
Di-n-butyl phthalate	Ave	1.121	1.215		54200	50000	8.3	20.0
Fluoranthene	Ave	0.9282	1.051		56600	50000	13.2	20.0
Benzidine	Ave	0.1706	0.0605		17700	50000	-64.6*	20.0
Pyrene	Ave	1.883	1.645		43700	50000	-12.6	20.0
Butyl benzyl phthalate	Ave	0.6483	0.6755		52100	50000	4.2	20.0
2,3,7,8-TCDD (Screen)	Ave	0.1899	0.1779		468	500	-6.3	20.0
Carbamazepine	QuaF	0.3876	0.3115		37100	50000	-25.9*	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Lab Sample ID: CCVIS 460-128299/2 Calibration Date: 09/17/2012 09:10

Instrument ID: BNAMS5 Calib Start Date: 09/16/2012 14:29

GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 09/16/2012 16:34

Lab File ID: x30166.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
3,3'-Dichlorobenzidine	Ave	0.3142	0.2805		44600	50000	-10.7	20.0
Benzo[a]anthracene	Ave	1.200	1.184		49300	50000	-1.3	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.8769	0.9301		53000	50000	6.1	20.0
Chrysene	Ave	1.131	1.157		51100	50000	2.3	20.0
Di-n-octyl phthalate	QuaF	1.570	1.915		55900	50000	11.9	20.0
Benzo[b]fluoranthene	QuaF	1.107	1.232		52300	50000	4.7	20.0
Benzo[k]fluoranthene	Ave	1.329	1.455		54700	50000	9.4	20.0
Benzo[a]pyrene	QuaF	0.8883	0.9815		51600	50000	3.2	20.0
Indeno[1,2,3-cd]pyrene	QuaF	0.7127	0.6505		42000	50000	-16.1	20.0
Dibenz(a,h)anthracene	QuaF	0.7436	0.7452		44700	50000	-10.5	20.0
Benzo[g,h,i]perylene	QuaF	0.7778	0.7349		45400	50000	-9.2	20.0
2-Fluorophenol	Ave	1.406	1.371		48800	50000	-2.5	20.0
Phenol-d5	Ave	1.635	1.563		47800	50000	-4.4	20.0
Nitrobenzene-d5	Ave	0.3614	0.3655		50600	50000	1.1	20.0
2-Fluorobiphenyl	Ave	1.411	1.365		48400	50000	-3.2	20.0
2,4,6-Tribromophenol	Ave	0.1928	0.1951		50600	50000	1.2	20.0
Terphenyl-d14	Ave	1.336	1.202		45000	50000	-10.0	20.0

Data File: /chem/BNAMS4.i/8270T/09-07-12/07sep12.b/u80336.d
Report Date: 07-Sep-2012 16:20

TestAmerica

Data file : /chem/BNAMS4.i/8270T/09-07-12/07sep12.b/u80336.d
Lab Smp Id: DFTPP-1653831
Inj Date : 07-SEP-2012 16:08
Operator : BNA2 Inst ID: BNAMS4.i
Smp Info : DFTPP-1653831
Misc Info : 25ng/uL DFTPP Lot 4687
Comment :
Method : /chem/BNAMS4.i/8270T/09-07-12/07sep12.b/BNADFTPP.m
Meth Date : 29-Aug-2012 15:46 monica Quant Type: ESTD
Cal Date : 11-JAN-2010 13:45 Cal File: h85796.d
Als bottle: 96 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

CONCENTRATIONS

ON-COL FINAL

RT	EXP RT	DLT RT	MASS	RESPONSE (ug/L)	(ug/L)	TARGET RANGE	RATIO
==	=====	=====	====	=====	=====	=====	====

1 dftpp				CAS #:			
4.141	4.300	-0.159	198	127386		0.00- 100.00	100.00
4.141	4.300	-0.159	51	51194		30.00- 60.00	40.19
4.141	4.300	-0.159	68	0		0.00- 2.00	0.00
4.141	4.300	-0.159	69	74202		0.00- 0.00	58.25
4.141	4.300	-0.159	70	108		0.00- 2.00	0.15
4.141	4.300	-0.159	127	59994		40.00- 60.00	47.10
4.141	4.300	-0.159	197	0		0.00- 1.00	0.00
4.141	4.300	-0.159	199	8805		5.00- 9.00	6.91
4.141	4.300	-0.159	275	22660		10.00- 30.00	17.79
4.141	4.300	-0.159	365	3026		1.00- 0.00	2.38
4.141	4.300	-0.159	441	11473		0.01- 100.00	80.17
4.141	4.300	-0.159	442	71305		40.00- 110.00	55.98
4.141	4.300	-0.159	443	14311		17.00- 23.00	20.07

Data File: u80336.d

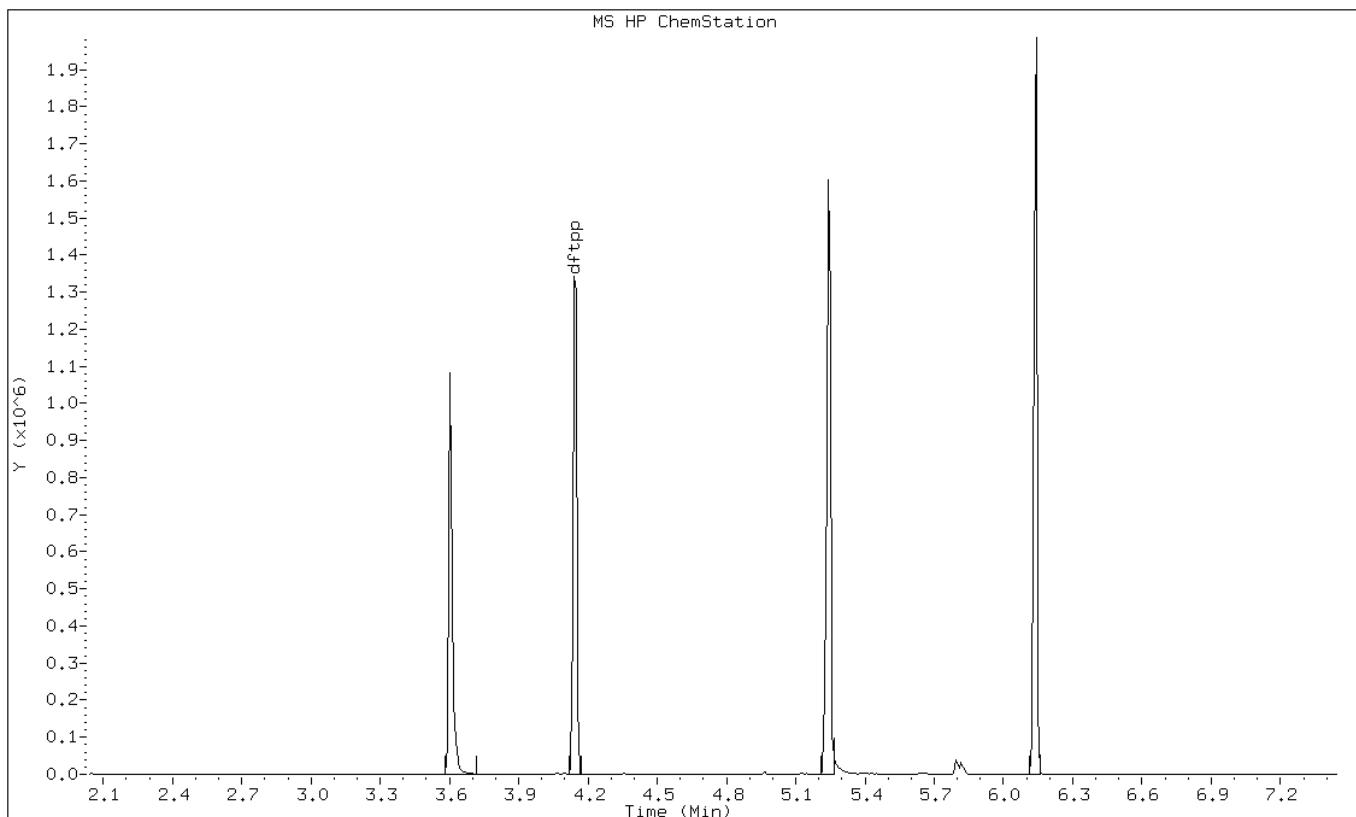
Date: 07-SEP-2012 16:08

Client ID:

Instrument: BNAMS4.i

Sample Info: DFTPP-1653831

Operator: BNA2



Data File: u80336.d

Date: 07-SEP-2012 16:08

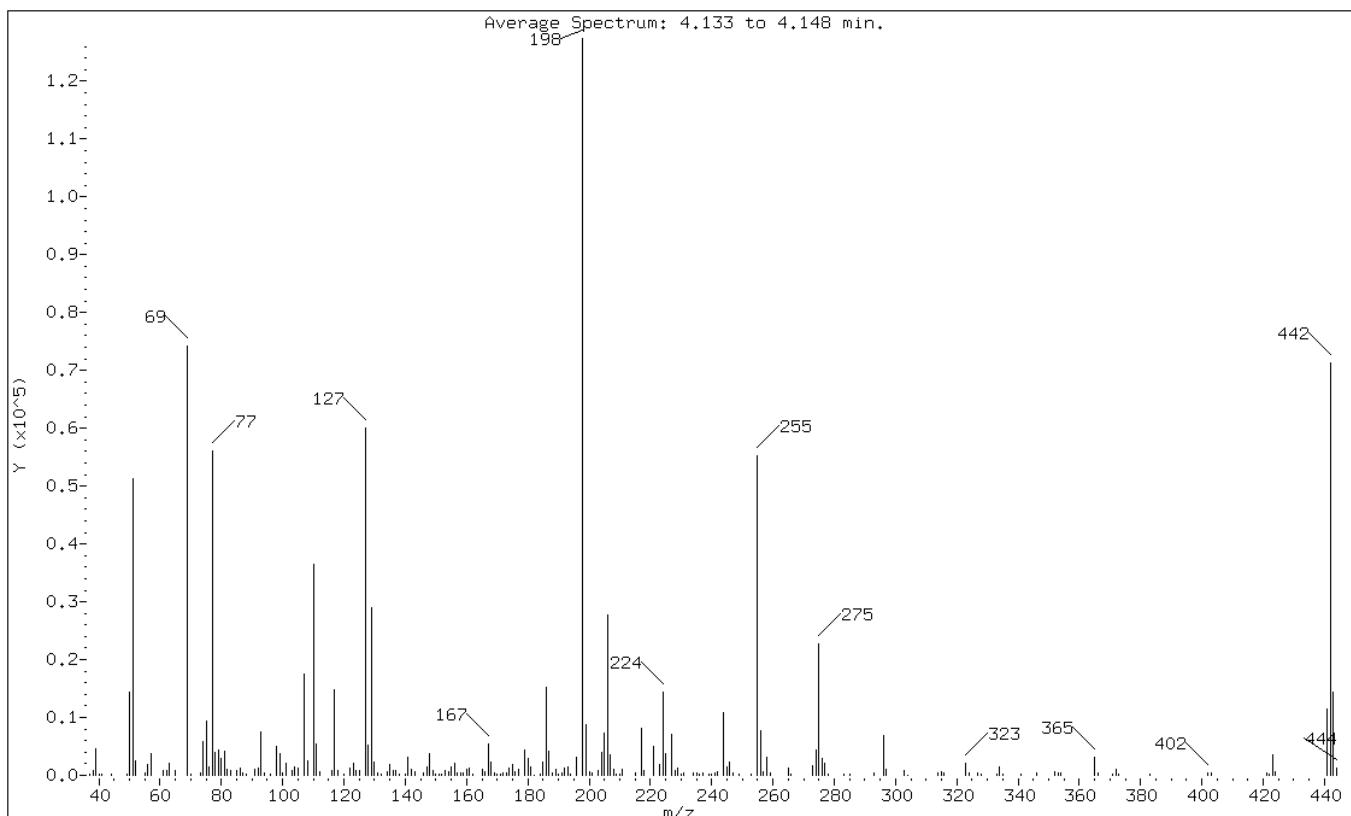
Client ID:

Instrument: BNAMS4.i

Sample Info: DFTPP-1653831

Operator: BNA2

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	40.19
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	58.25
70	Less than 2.00% of mass 69	0.08 (0.15)
127	40.00 - 60.00% of mass 198	47.10
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.91
275	10.00 - 30.00% of mass 198	17.79
365	Greater than 1.00% of mass 198	2.38
441	0.01 - 100.00% of mass 443	9.01 (80.17)
442	40.00 - 110.00% of mass 198	55.98
443	17.00 - 23.00% of mass 442	11.23 (20.07)

Data File: u80336.d

Date: 07-SEP-2012 16:08

Client ID:

Instrument: BNAMS4.i

Sample Info: DFTPP-1653831

Operator: BNA2

Data File: /chem/BNAMS4.i/8270T/09-07-12/07sep12.b/u80336.d

Spectrum: Average Spectrum: 4.133 to 4.148 min.

Location of Maximum: 198.00

Number of points: 210

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	256	118.00	867	181.00	1426	255.00	55224
38.00	813	120.00	106	182.00	100	256.00	7787
39.00	4578	122.00	1186	184.00	281	257.00	671
40.00	229	123.00	2090	185.00	2224	258.00	3166
41.00	108	124.00	888	186.00	15237	259.00	488
44.00	125	125.00	821	187.00	4259	265.00	1256
49.00	134	127.00	59992	188.00	463	266.00	205
50.00	14385	128.00	5134	189.00	1004	273.00	1658
51.00	51192	129.00	29072	190.00	129	274.00	4369
52.00	2528	130.00	2328	191.00	444	275.00	22656
55.00	365	131.00	397	192.00	1355	276.00	3022
56.00	1831	132.00	135	193.00	1409	277.00	2034
57.00	3710	134.00	692	194.00	107	278.00	268
61.00	765	135.00	1829	196.00	3123	283.00	255
62.00	859	136.00	769	198.00	127384	285.00	274
63.00	2171	137.00	757	199.00	8805	293.00	500
65.00	896	138.00	109	200.00	670	296.00	6781
69.00	74200	140.00	183	201.00	391	297.00	958
70.00	108	141.00	3156	203.00	890	303.00	802
73.00	389	142.00	1020	204.00	3998	304.00	103
74.00	5803	143.00	567	205.00	7295	314.00	350
75.00	9290	146.00	439	206.00	27648	315.00	691
76.00	1522	147.00	1540	207.00	3563	316.00	380
77.00	56176	148.00	3753	208.00	1006	323.00	2140
78.00	4012	149.00	746	209.00	223	324.00	451
79.00	4403	150.00	114	210.00	276	327.00	390
80.00	3009	151.00	311	211.00	1083	328.00	129
81.00	4125	152.00	267	215.00	361	333.00	167
82.00	1044	153.00	880	217.00	8118	334.00	1475
83.00	845	154.00	697	218.00	884	335.00	253
85.00	761	155.00	1476	221.00	4920	341.00	111
86.00	1261	156.00	2078	223.00	1935	346.00	426
87.00	353	157.00	437	224.00	14337	352.00	594
88.00	118	158.00	410	225.00	3715	353.00	459
91.00	1016	159.00	390	227.00	7100	354.00	462
92.00	1213	160.00	955	228.00	906	365.00	3026
93.00	7564	161.00	1321	229.00	1350	366.00	313
94.00	379	162.00	281	230.00	119	371.00	161
96.00	120	165.00	1104	231.00	511	372.00	1037
98.00	5058	166.00	602	234.00	370	373.00	107

99.00	3767	167.00	5413	235.00	399	383.00	304
100.00	335	168.00	2389	236.00	282	402.00	477
101.00	2091	169.00	360	237.00	393	403.00	437
103.00	808	170.00	113	239.00	230	421.00	432
104.00	1397	171.00	248	240.00	118	422.00	164
105.00	1327	172.00	482	241.00	356	423.00	3524
107.00	17504	173.00	502	242.00	687	424.00	572
108.00	2578	174.00	1167	244.00	10833	441.00	11473
110.00	36544	175.00	1947	245.00	1515	442.00	71304
111.00	5521	176.00	632	246.00	2213	443.00	14311
112.00	704	177.00	1093	247.00	382	444.00	1225
116.00	759	179.00	4399	249.00	278		
117.00	14818	180.00	2924	253.00	207		

Data File: /chem/BNAMS4.i/8270T/09-07-12/12sep12.b/u80436.d
Report Date: 12-Sep-2012 01:16

TestAmerica

Data file : /chem/BNAMS4.i/8270T/09-07-12/12sep12.b/u80436.d
Lab Smp Id: DFTPP-1653831
Inj Date : 12-SEP-2012 00:41
Operator : BNAMS3 Inst ID: BNAMS4.i
Smp Info : DFTPP-1653831
Misc Info : 25ng/uL DFTPP Lot 4687
Comment :
Method : /chem/BNAMS4.i/8270T/09-07-12/12sep12.b/BNADFTPP.m
Meth Date : 29-Aug-2012 15:46 monica Quant Type: ESTD
Cal Date : 11-JAN-2010 13:45 Cal File: h85796.d
Als bottle: 96 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

CONCENTRATIONS

ON-COL FINAL

RT	EXP RT	DLT RT	MASS	RESPONSE (ug/L)	(ug/L)	TARGET RANGE	RATIO
==	=====	=====	====	=====	=====	=====	====

1 dftpp				CAS #:			
4.111	4.300	-0.189	198	148277		0.00- 100.00	100.00
4.111	4.300	-0.189	51	52936		30.00- 60.00	35.70
4.111	4.300	-0.189	68	0		0.00- 2.00	0.00
4.111	4.300	-0.189	69	80843		0.00- 0.00	54.52
4.111	4.300	-0.189	70	311		0.00- 2.00	0.38
4.111	4.300	-0.189	127	66864		40.00- 60.00	45.09
4.111	4.300	-0.189	197	0		0.00- 1.00	0.00
4.111	4.300	-0.189	199	9632		5.00- 9.00	6.50
4.111	4.300	-0.189	275	27426		10.00- 30.00	18.50
4.111	4.300	-0.189	365	3987		1.00- 0.00	2.69
4.111	4.300	-0.189	441	16275		0.01- 100.00	85.33
4.111	4.300	-0.189	442	97517		40.00- 110.00	65.77
4.111	4.300	-0.189	443	19074		17.00- 23.00	19.56

Data File: u80436.d

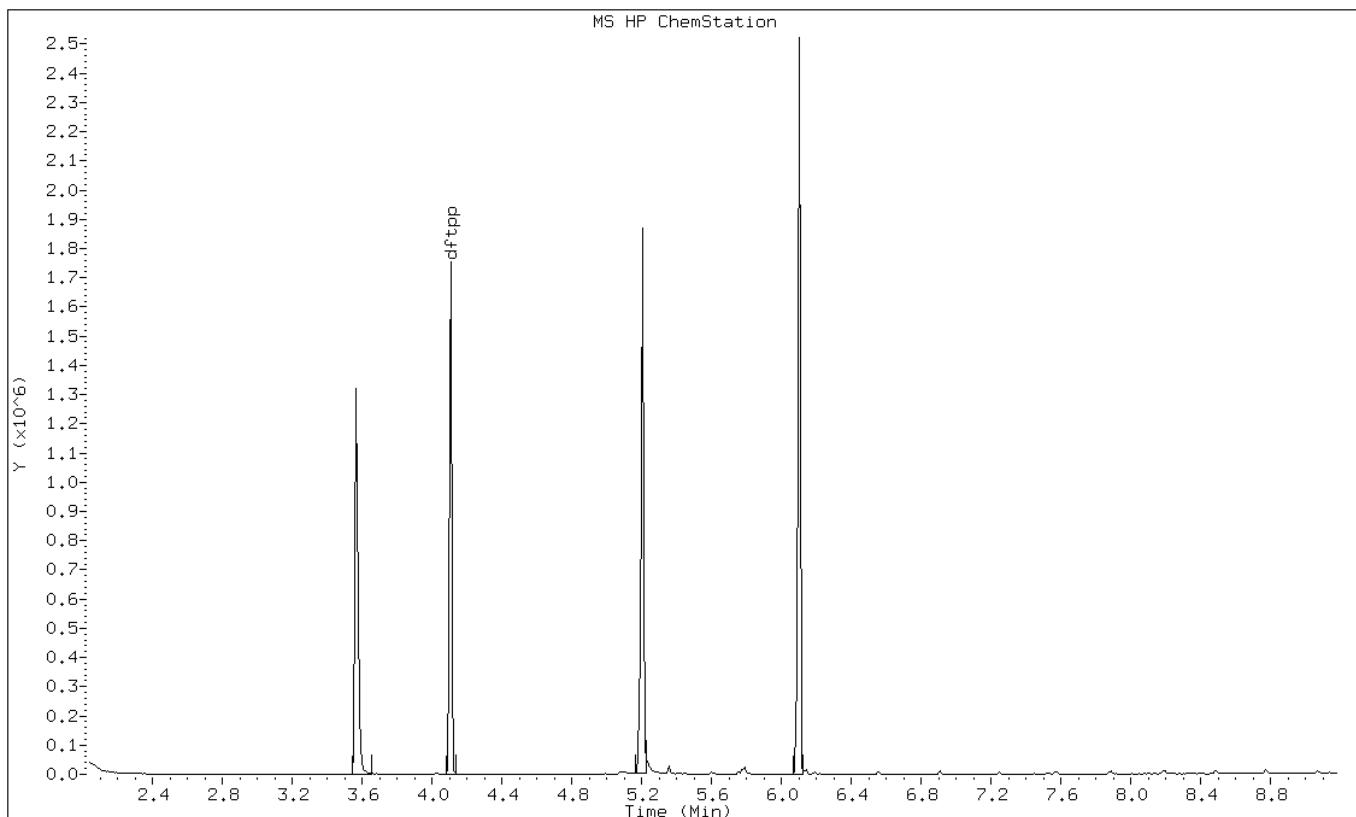
Date: 12-SEP-2012 00:41

Client ID:

Instrument: BNAMS4.i

Sample Info: DFTPP-1653831

Operator: BNAMS3



Data File: u80436.d

Date: 12-SEP-2012 00:41

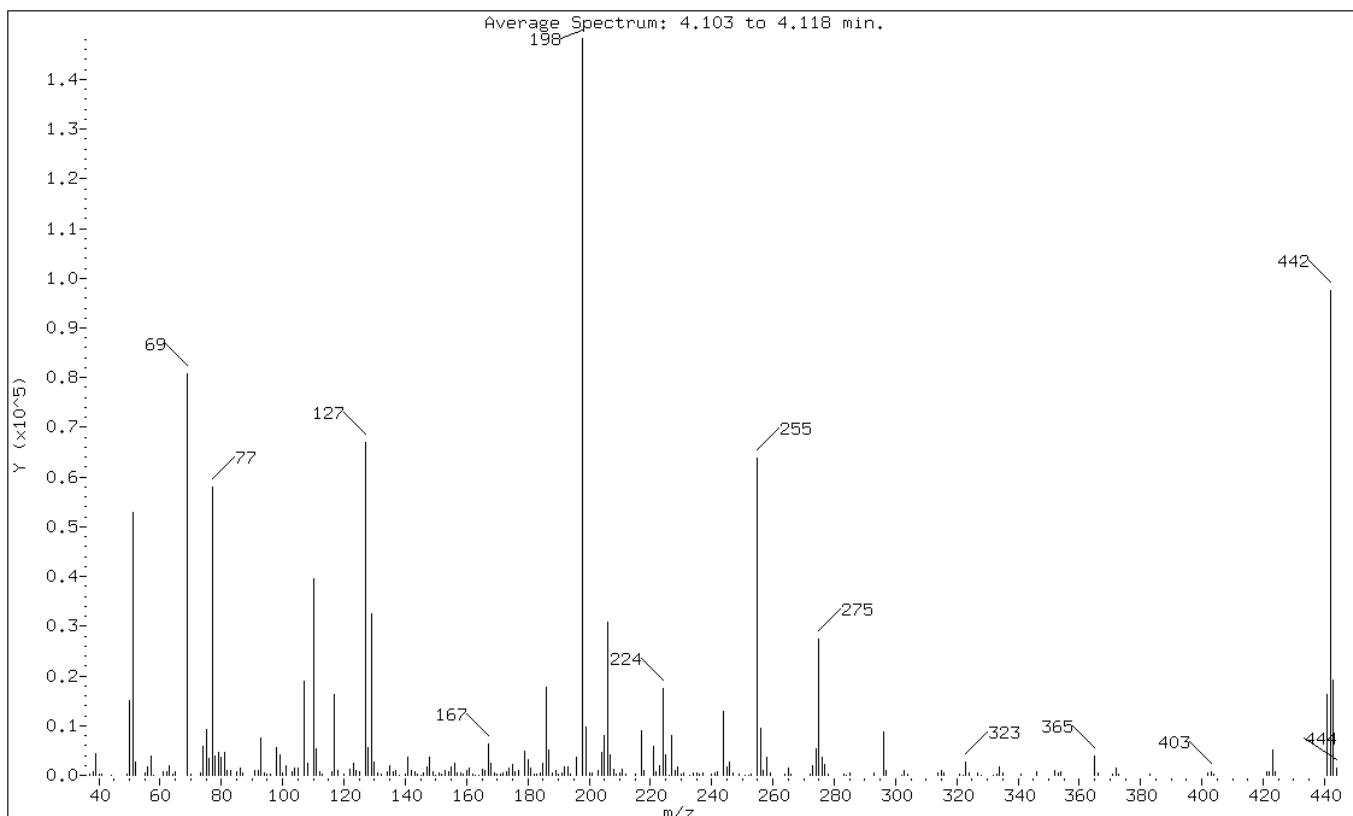
Client ID:

Instrument: BNAMS4.i

Sample Info: DFTPP-1653831

Operator: BNAMS3

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	35.70
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	54.52
70	Less than 2.00% of mass 69	0.21 (0.38)
127	40.00 - 60.00% of mass 198	45.09
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.50
275	10.00 - 30.00% of mass 198	18.50
365	Greater than 1.00% of mass 198	2.69
441	0.01 - 100.00% of mass 443	10.98 (85.33)
442	40.00 - 110.00% of mass 198	65.77
443	17.00 - 23.00% of mass 442	12.86 (19.56)

Data File: u80436.d

Date: 12-SEP-2012 00:41

Client ID:

Instrument: BNAMS4.i

Sample Info: DFTPP-1653831

Operator: BNAMS3

Data File: /chem/BNAMS4.i/8270T/09-07-12/12sep12.b/u80436.d

Spectrum: Average Spectrum: 4.103 to 4.118 min.

Location of Maximum: 198.00

Number of points: 231

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	141	122.00	1188	184.00	396	257.00	859
38.00	778	123.00	2314	185.00	2419	258.00	3713
39.00	4412	124.00	935	186.00	17824	259.00	568
40.00	130	125.00	787	187.00	5092	264.00	124
41.00	253	127.00	66864	188.00	463	265.00	1500
44.00	105	128.00	5676	189.00	1018	266.00	156
49.00	237	129.00	32512	190.00	239	272.00	153
50.00	14933	130.00	2561	191.00	545	273.00	1940
51.00	52936	131.00	400	192.00	1642	274.00	5302
52.00	2548	132.00	134	193.00	1729	275.00	27424
55.00	424	134.00	706	194.00	169	276.00	3687
56.00	1791	135.00	2032	196.00	3602	277.00	2286
57.00	3890	136.00	762	198.00	148224	278.00	337
58.00	111	137.00	973	199.00	9632	283.00	125
61.00	610	138.00	100	200.00	551	284.00	121
62.00	744	140.00	226	201.00	604	285.00	388
63.00	1900	141.00	3552	203.00	980	293.00	411
64.00	325	142.00	1062	204.00	4727	296.00	8637
65.00	795	143.00	694	205.00	8052	297.00	1049
69.00	80840	144.00	154	206.00	30696	302.00	112
70.00	311	145.00	114	207.00	4004	303.00	982
73.00	582	146.00	480	208.00	1216	304.00	153
74.00	5886	147.00	1656	209.00	334	314.00	370
75.00	9199	148.00	3715	210.00	542	315.00	986
76.00	3305	149.00	688	211.00	1303	316.00	604
77.00	58032	150.00	109	212.00	125	321.00	264
78.00	3872	151.00	369	215.00	269	322.00	108
79.00	4494	152.00	176	217.00	8915	323.00	2735
80.00	3632	153.00	863	218.00	1039	324.00	422
81.00	4564	154.00	642	221.00	5808	327.00	426
82.00	897	155.00	1768	222.00	622	328.00	116
83.00	1026	156.00	2429	223.00	2035	332.00	108
85.00	779	157.00	426	224.00	17480	333.00	250
86.00	1354	158.00	593	225.00	4051	334.00	1633
87.00	477	159.00	337	226.00	109	335.00	500
91.00	937	160.00	1089	227.00	8113	341.00	150
92.00	1006	161.00	1519	228.00	1077	346.00	618
93.00	7499	162.00	315	229.00	1635	352.00	874
94.00	443	163.00	116	230.00	131	353.00	524
95.00	233	164.00	116	231.00	543	354.00	763

96.00	262	165.00	1133	233.00	119	365.00	3987
98.00	5691	166.00	855	234.00	385	366.00	540
99.00	4133	167.00	6400	235.00	414	371.00	133
100.00	371	168.00	2466	236.00	325	372.00	1396
101.00	2015	169.00	416	237.00	405	373.00	191
103.00	746	170.00	217	240.00	248	383.00	171
104.00	1414	171.00	256	241.00	457	402.00	573
105.00	1379	172.00	537	242.00	721	403.00	822
107.00	18832	173.00	832	244.00	12808	404.00	150
108.00	2431	174.00	1364	245.00	1816	421.00	673
110.00	39576	175.00	2263	246.00	2621	422.00	663
111.00	5280	176.00	608	247.00	500	423.00	4994
112.00	634	177.00	1056	249.00	363	424.00	844
113.00	295	179.00	4957	251.00	101	441.00	16275
116.00	680	180.00	3252	252.00	112	442.00	97512
117.00	16167	181.00	1541	253.00	135	443.00	19072
118.00	1018	182.00	172	255.00	63688	444.00	1568
120.00	212	183.00	123	256.00	9348		

Data File: /chem/BNAMS5.i/8270/09-16-12/16sep12.b/x30143.d
Report Date: 16-Sep-2012 13:50

TestAmerica

Data file : /chem/BNAMS5.i/8270/09-16-12/16sep12.b/x30143.d
Lab Smp Id: DFTPP-1653831
Inj Date : 16-SEP-2012 13:48
Operator : BNA2 Inst ID: BNAMS5.i
Smp Info : DFTPP-1653831
Misc Info : 25 ppm bna 4687
Comment :
Method : /chem/BNAMS5.i/8270/09-16-12/16sep12.b/BNADFTPP.m
Meth Date : 16-Sep-2012 13:50 wahied Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

CONCENTRATIONS

ON-COL FINAL

RT	EXP RT	DLT RT	MASS	RESPONSE (ug/L)	(ug/L)	TARGET RANGE	RATIO
==	=====	=====	====	=====	=====	=====	=====

1 dftpp				CAS #:			
5.910	5.920	-0.010	198	66725	0.00-	100.00	96.43
5.910	5.920	-0.010	51	27546	30.00-	60.00	41.28
5.910	5.920	-0.010	68	439	0.00-	2.00	1.61
5.910	5.920	-0.010	69	27229	0.00-	0.00	40.81
5.910	5.920	-0.010	70	152	0.00-	2.00	0.56
5.910	5.920	-0.010	127	34741	40.00-	60.00	52.07
5.910	5.920	-0.010	197	429	0.00-	1.00	0.64
5.910	5.920	-0.010	199	4304	5.00-	9.00	6.45
5.910	5.920	-0.010	275	19768	10.00-	30.00	29.63
5.910	5.920	-0.010	365	3329	1.00-	0.00	4.99
5.910	5.920	-0.010	441	10306	0.01-	100.00	77.33
5.910	5.920	-0.010	442	69194	40.00-	110.00	103.70
5.910	5.920	-0.010	443	13327	17.00-	23.00	19.26

Data File: x30143.d

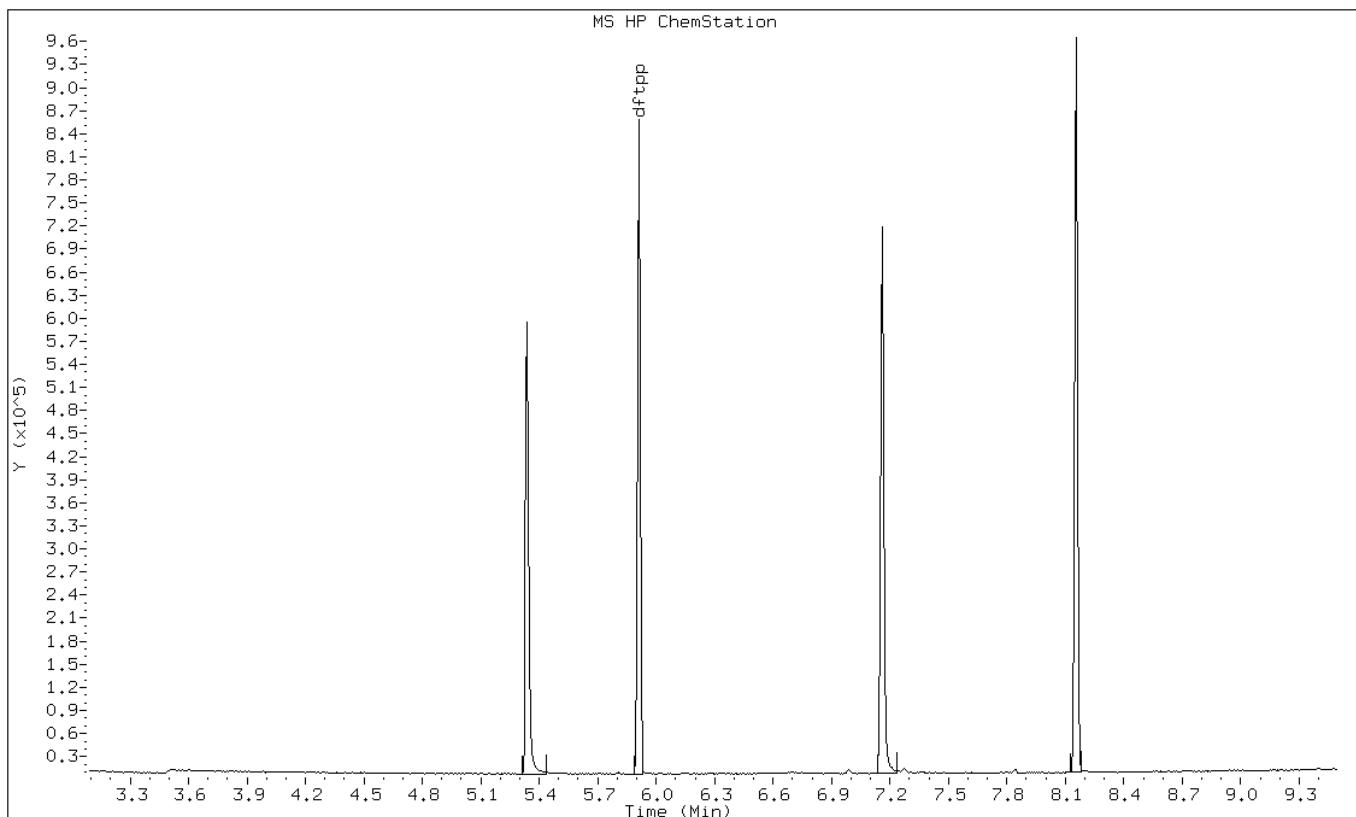
Date: 16-SEP-2012 13:48

Client ID:

Instrument: BNAMS5.i

Sample Info: DFTPP-1653831

Operator: BNA2



Data File: x30143.d

Date: 16-SEP-2012 13:48

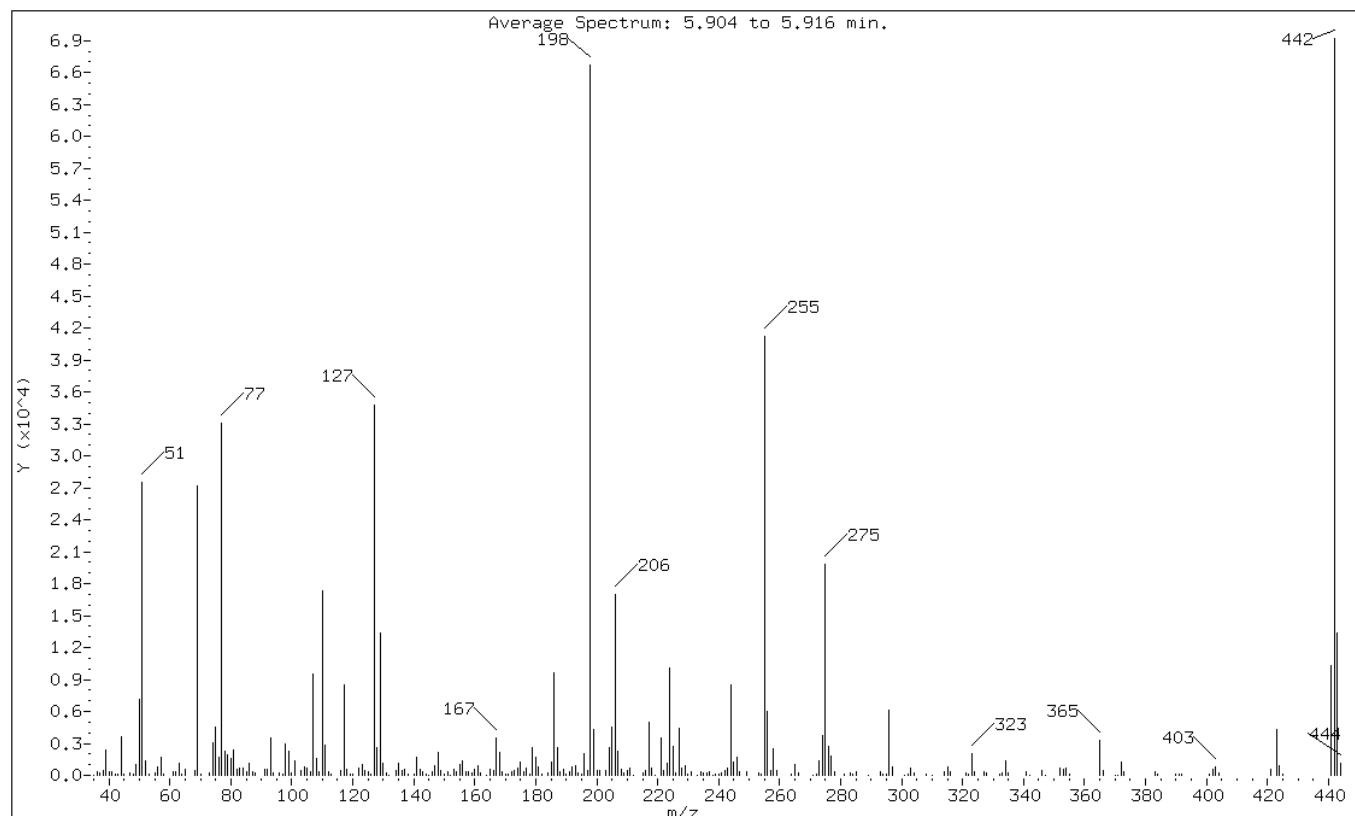
Client ID:

Instrument: BNAMS5.i

Sample Info: DFTPP-1653831

Operator: BNA2

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	41.28
68	Less than 2.00% of mass 69	0.66 (1.61)
69	Mass 69 relative abundance	40.81
70	Less than 2.00% of mass 69	0.23 (0.56)
127	40.00 - 60.00% of mass 198	52.07
197	Less than 1.00% of mass 198	0.64
199	5.00 - 9.00% of mass 198	6.45
275	10.00 - 30.00% of mass 198	29.63
365	Greater than 1.00% of mass 198	4.99
441	0.01 - 100.00% of mass 443	15.45 (77.33)
442	40.00 - 110.00% of mass 198	103.70
443	17.00 - 23.00% of mass 442	19.97 (19.26)

Data File: x30143.d

Date: 16-SEP-2012 13:48

Client ID:

Instrument: BNAMS5.i

Sample Info: DFTPP-1653831

Operator: BNA2

Data File: /chem/BNAMS5.i/8270/09-16-12/16sep12.b/x30143.d

Spectrum: Average Spectrum: 5.904 to 5.916 min.

Location of Maximum: 442.00

Number of points: 268

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	52	117.00	8462	190.00	85	275.00	19768
36.00	288	118.00	516	191.00	298	276.00	2727
37.00	179	119.00	107	192.00	847	277.00	1797
38.00	502	120.00	94	193.00	948	278.00	337
39.00	2413	122.00	639	194.00	207	281.00	88
40.00	286	123.00	997	195.00	97	283.00	204
41.00	339	124.00	406	196.00	2073	284.00	136
42.00	90	125.00	392	197.00	429	285.00	294
43.00	81	126.00	70	198.00	66720	289.00	48
44.00	3601	127.00	34736	199.00	4304	293.00	345
45.00	87	128.00	2569	200.00	452	294.00	109
47.00	193	129.00	13380	201.00	399	295.00	82
48.00	81	130.00	1160	203.00	471	296.00	6136
49.00	1022	131.00	245	204.00	2573	297.00	844
50.00	7153	132.00	46	205.00	4496	301.00	34
51.00	27544	134.00	442	206.00	17000	302.00	87
52.00	1369	135.00	1093	207.00	2316	303.00	651
53.00	72	136.00	466	208.00	558	304.00	176
55.00	196	137.00	612	209.00	217	308.00	59
56.00	745	138.00	101	210.00	407	310.00	46
57.00	1710	140.00	131	211.00	728	314.00	313
58.00	77	141.00	1703	212.00	46	315.00	761
61.00	367	142.00	566	215.00	223	316.00	388
62.00	350	143.00	362	216.00	418	321.00	211
63.00	1099	144.00	88	217.00	4991	322.00	126
64.00	146	145.00	36	218.00	672	323.00	2063
65.00	524	146.00	327	219.00	44	324.00	367
68.00	439	147.00	877	221.00	3510	327.00	371
69.00	27224	148.00	2162	222.00	427	328.00	197
70.00	152	149.00	430	223.00	1095	332.00	131
73.00	260	150.00	139	224.00	10060	333.00	234
74.00	3076	151.00	355	225.00	2688	334.00	1324
75.00	4486	152.00	38	226.00	249	335.00	281
76.00	1668	153.00	547	227.00	4435	341.00	285
77.00	33096	154.00	336	228.00	624	342.00	33
78.00	2314	155.00	975	229.00	917	346.00	476
79.00	1972	156.00	1395	230.00	157	347.00	42
80.00	1571	157.00	301	231.00	375	352.00	727
81.00	2379	158.00	297	233.00	37	353.00	551
82.00	527	159.00	260	234.00	285	354.00	643

83.00	662	160.00	591	235.00	223	355.00	169
84.00	646	161.00	867	236.00	275	365.00	3329
85.00	381	162.00	217	237.00	381	366.00	465
86.00	1125	164.00	41	238.00	39	370.00	39
87.00	327	165.00	554	239.00	158	371.00	48
88.00	222	166.00	502	240.00	66	372.00	1244
91.00	511	167.00	3501	241.00	275	373.00	346
92.00	613	168.00	2114	242.00	498	383.00	313
93.00	3490	169.00	346	243.00	672	384.00	94
94.00	226	170.00	101	244.00	8446	390.00	114
96.00	216	171.00	82	245.00	1191	391.00	111
97.00	77	172.00	294	246.00	1732	392.00	98
98.00	2940	173.00	459	247.00	374	401.00	99
99.00	2273	174.00	701	249.00	366	402.00	539
100.00	254	175.00	1285	253.00	201	403.00	810
101.00	1310	176.00	337	254.00	169	404.00	207
103.00	417	177.00	635	255.00	41224	421.00	605
104.00	742	178.00	161	256.00	6047	423.00	4340
105.00	670	179.00	2598	257.00	489	424.00	929
106.00	302	180.00	1680	258.00	2515	425.00	92
107.00	9488	181.00	816	259.00	410	441.00	10306
108.00	1595	182.00	112	264.00	88	442.00	69192
109.00	287	184.00	200	265.00	986	443.00	13327
110.00	17376	185.00	1280	266.00	215	444.00	1152
111.00	2823	186.00	9636	271.00	44		
112.00	344	187.00	2636	272.00	118		
113.00	129	188.00	301	273.00	1401		
116.00	484	189.00	530	274.00	3685		

Data File: /chem/BNAMS5.i/8270/09-16-12/16sep12a.b/x30151.d
Report Date: 17-Sep-2012 08:29

TestAmerica

Data file : /chem/BNAMS5.i/8270/09-16-12/16sep12a.b/x30151.d
Lab Smp Id: DFTPP-1653831
Inj Date : 16-SEP-2012 21:50
Operator : BNA2 Inst ID: BNAMS5.i
Smp Info : DFTPP-1653831
Misc Info : 25 ppm bna 4687
Comment :
Method : /chem/BNAMS5.i/8270/09-16-12/16sep12a.b/BNADFTPP.m
Meth Date : 16-Sep-2012 13:50 wahied Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 9 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

CONCENTRATIONS

ON-COL FINAL

RT	EXP RT	DLT RT	MASS	RESPONSE (ug/L)	(ug/L)	TARGET RANGE	RATIO
==	=====	=====	====	=====	=====	=====	====

1 dftpp				CAS #:			
5.910	5.920	-0.010	198	71832	0.00-	100.00	97.51
5.910	5.920	-0.010	51	30301	30.00-	60.00	42.18
5.910	5.920	-0.010	68	494	0.00-	2.00	1.65
5.910	5.920	-0.010	69	30013	0.00-	0.00	41.78
5.910	5.920	-0.010	70	169	0.00-	2.00	0.56
5.910	5.920	-0.010	127	37154	40.00-	60.00	51.72
5.910	5.920	-0.010	197	434	0.00-	1.00	0.60
5.910	5.920	-0.010	199	4842	5.00-	9.00	6.74
5.910	5.920	-0.010	275	21445	10.00-	30.00	29.85
5.910	5.920	-0.010	365	3365	1.00-	0.00	4.68
5.910	5.920	-0.010	441	11308	0.01-	100.00	80.65
5.910	5.920	-0.010	442	73664	40.00-	110.00	102.55
5.910	5.920	-0.010	443	14021	17.00-	23.00	19.03

Data File: x30151.d

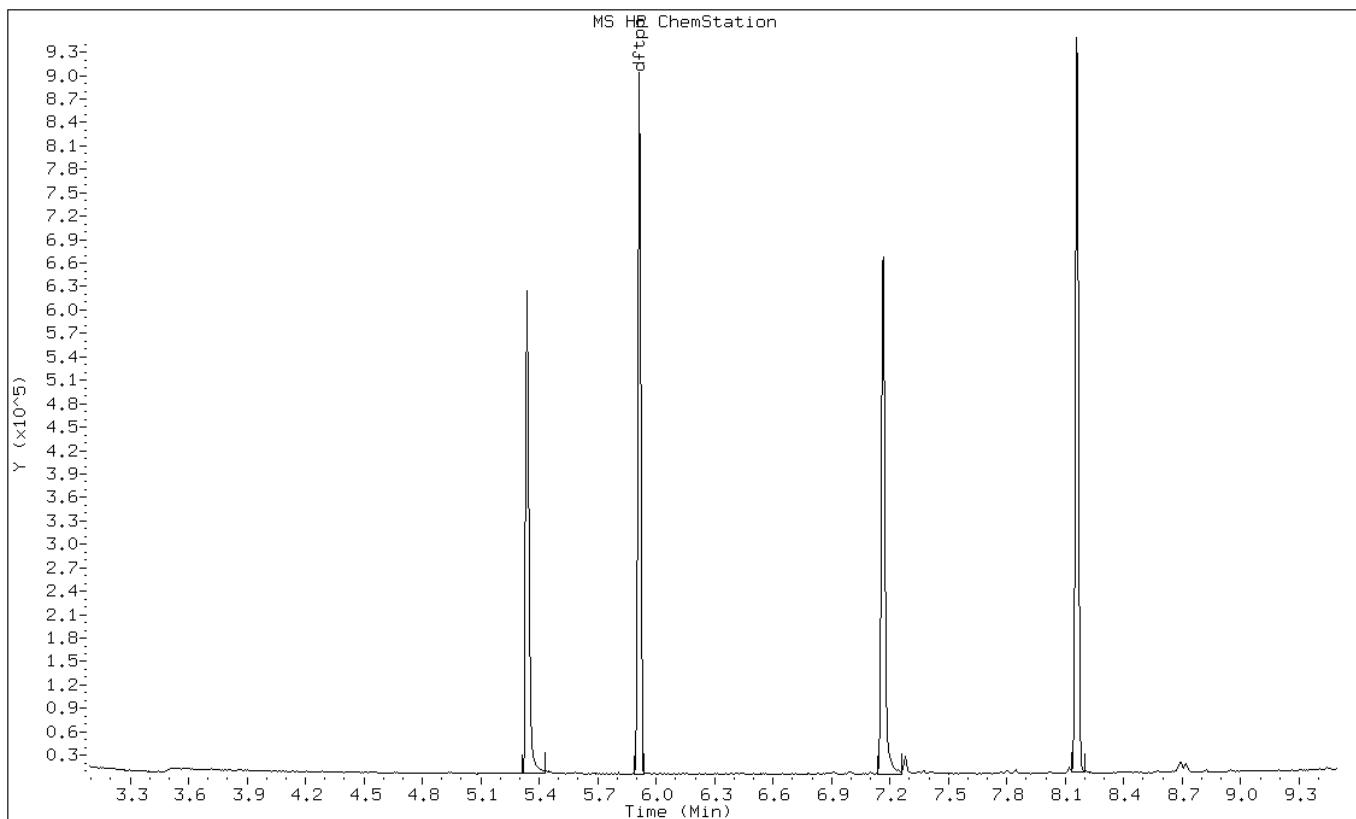
Date: 16-SEP-2012 21:50

Client ID:

Instrument: BNAMS5.i

Sample Info: DFTPP-1653831

Operator: BNA2



Data File: x30151.d

Date: 16-SEP-2012 21:50

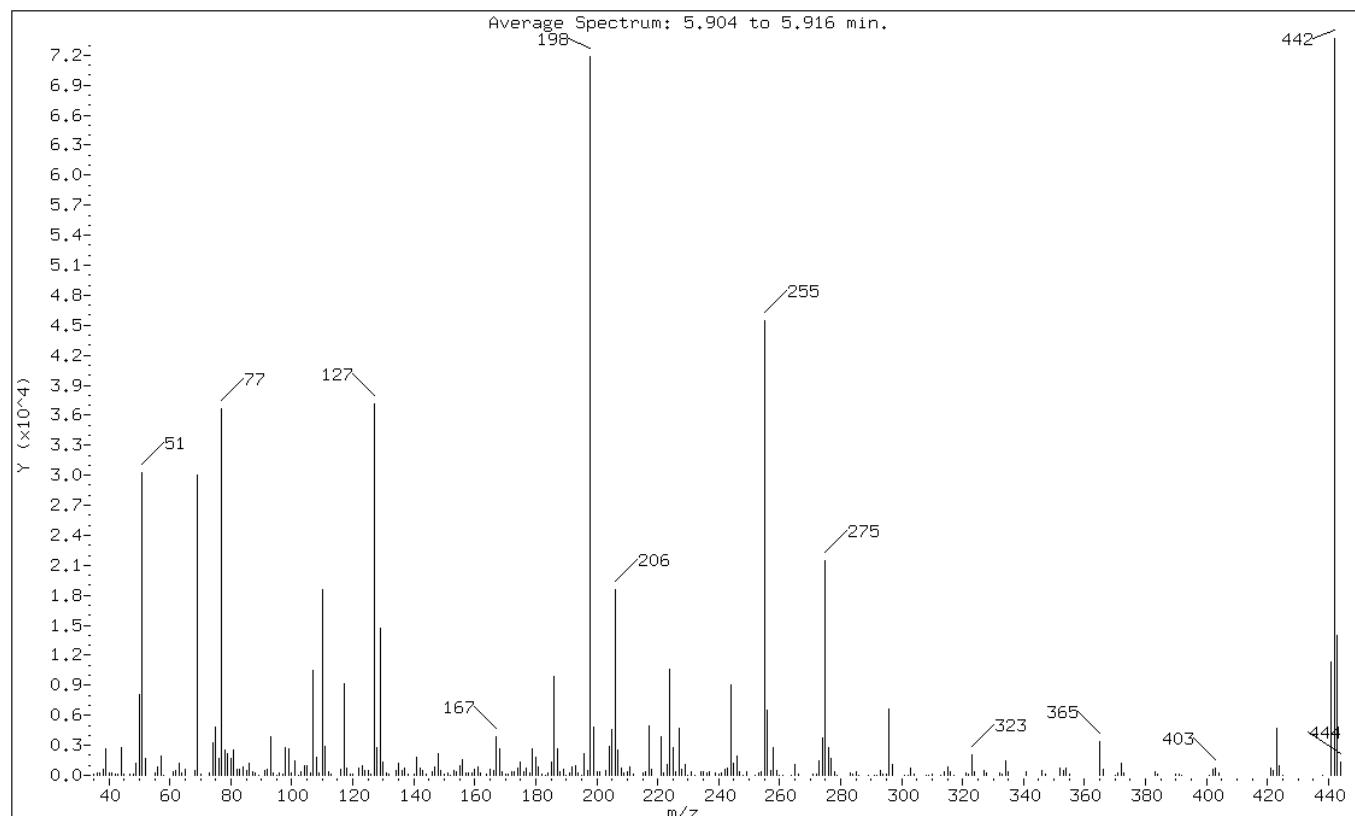
Client ID:

Instrument: BNAMS5.i

Sample Info: DFTPP-1653831

Operator: BNA2

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	42.18
68	Less than 2.00% of mass 69	0.69 (1.65)
69	Mass 69 relative abundance	41.78
70	Less than 2.00% of mass 69	0.24 (0.56)
127	40.00 - 60.00% of mass 198	51.72
197	Less than 1.00% of mass 198	0.60
199	5.00 - 9.00% of mass 198	6.74
275	10.00 - 30.00% of mass 198	29.85
365	Greater than 1.00% of mass 198	4.68
441	0.01 - 100.00% of mass 443	15.74 (80.65)
442	40.00 - 110.00% of mass 198	102.55
443	17.00 - 23.00% of mass 442	19.52 (19.03)

Data File: x30151.d

Date: 16-SEP-2012 21:50

Client ID:

Instrument: BNAMS5.i

Sample Info: DFTPP-1653831

Operator: BNA2

Data File: /chem/BNAMS5.i/8270/09-16-12/16sep12a.b/x30151.d

Spectrum: Average Spectrum: 5.904 to 5.916 min.

Location of Maximum: 442.00

Number of points: 279

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	93	117.00	9125	192.00	836	277.00	1722
36.00	240	118.00	734	193.00	913	278.00	322
37.00	195	119.00	132	194.00	233	279.00	37
38.00	553	120.00	171	195.00	35	283.00	210
39.00	2675	122.00	720	196.00	2137	284.00	109
40.00	263	123.00	963	197.00	434	285.00	347
41.00	262	124.00	483	198.00	71832	286.00	40
42.00	80	125.00	473	199.00	4842	289.00	44
43.00	128	126.00	138	200.00	388	291.00	34
44.00	2728	127.00	37152	201.00	374	292.00	36
45.00	124	128.00	2803	203.00	525	293.00	488
47.00	170	129.00	14719	204.00	2904	294.00	128
48.00	74	130.00	1341	205.00	4576	295.00	109
49.00	1182	131.00	233	206.00	18536	296.00	6663
50.00	8074	132.00	124	207.00	2552	297.00	1048
51.00	30296	134.00	425	208.00	749	301.00	42
52.00	1642	135.00	1161	209.00	246	302.00	47
55.00	196	136.00	458	210.00	350	303.00	716
56.00	834	137.00	763	211.00	843	304.00	160
57.00	1985	138.00	143	212.00	62	308.00	35
58.00	33	140.00	176	215.00	277	309.00	39
61.00	354	141.00	1763	216.00	381	310.00	75
62.00	425	142.00	675	217.00	4999	313.00	33
63.00	1150	143.00	477	218.00	657	314.00	329
64.00	200	144.00	90	221.00	3815	315.00	788
65.00	595	146.00	379	222.00	257	316.00	405
68.00	494	147.00	871	223.00	1118	317.00	37
69.00	30008	148.00	2140	224.00	10653	321.00	253
70.00	169	149.00	505	225.00	2822	322.00	90
73.00	287	150.00	96	226.00	325	323.00	2019
74.00	3250	151.00	243	227.00	4684	324.00	384
75.00	4792	152.00	52	228.00	623	327.00	423
76.00	1732	153.00	520	229.00	1029	328.00	195
77.00	36696	154.00	401	230.00	51	332.00	214
78.00	2507	155.00	1005	231.00	342	333.00	138
79.00	2138	156.00	1515	232.00	34	334.00	1464
80.00	1667	157.00	289	234.00	321	335.00	394
81.00	2515	158.00	263	235.00	350	341.00	308
82.00	656	159.00	236	236.00	251	346.00	518
83.00	643	160.00	584	237.00	367	347.00	96

84.00	830	161.00	813	239.00	186	352.00	751
85.00	493	162.00	280	240.00	134	353.00	465
86.00	1189	164.00	111	241.00	219	354.00	719
87.00	305	165.00	617	242.00	644	355.00	108
88.00	230	166.00	474	243.00	686	365.00	3365
89.00	50	167.00	3849	244.00	9006	366.00	571
91.00	520	168.00	2676	245.00	1176	370.00	48
92.00	631	169.00	414	246.00	1945	371.00	211
93.00	3820	170.00	62	247.00	333	372.00	1261
94.00	277	171.00	84	248.00	40	373.00	301
95.00	41	172.00	306	249.00	372	383.00	339
96.00	186	173.00	418	252.00	42	384.00	73
97.00	81	174.00	778	253.00	188	390.00	161
98.00	2798	175.00	1384	254.00	308	391.00	126
99.00	2702	176.00	390	255.00	45440	392.00	36
100.00	253	177.00	683	256.00	6466	401.00	38
101.00	1414	178.00	222	257.00	492	402.00	615
102.00	44	179.00	2623	258.00	2741	403.00	680
103.00	417	180.00	1753	259.00	526	404.00	250
104.00	942	181.00	884	260.00	34	421.00	702
105.00	954	182.00	95	261.00	44	422.00	427
106.00	285	183.00	33	264.00	42	423.00	4735
107.00	10478	184.00	230	265.00	1138	424.00	1014
108.00	1763	185.00	1307	266.00	172	425.00	47
109.00	285	186.00	9847	271.00	84	438.00	33
110.00	18544	187.00	2686	272.00	93	441.00	11308
111.00	2891	188.00	328	273.00	1406	442.00	73664
112.00	348	189.00	631	274.00	3773	443.00	14021
113.00	147	190.00	51	275.00	21440	444.00	1305
116.00	619	191.00	271	276.00	2745		

Data File: /chem/BNAMS5.i/8270/09-16-12/17sep12.b/x30165.d
Report Date: 17-Sep-2012 08:56

TestAmerica

Data file : /chem/BNAMS5.i/8270/09-16-12/17sep12.b/x30165.d
Lab Smp Id: DFTPP-1653831
Inj Date : 17-SEP-2012 08:55
Operator : BNA2 Inst ID: BNAMS5.i
Smp Info : DFTPP-1653831
Misc Info : 25 ppm bna 4687
Comment :
Method : /chem/BNAMS5.i/8270/09-16-12/17sep12.b/BNADFTPP.m
Meth Date : 16-Sep-2012 13:50 wahied Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

CONCENTRATIONS

ON-COL FINAL

RT	EXP RT	DLT RT	MASS	RESPONSE (ug/L)	(ug/L)	TARGET RANGE	RATIO
==	=====	=====	====	=====	=====	=====	=====

1 dftpp				CAS #:			
5.893	5.920	-0.027	198	60725	0.00-	100.00	97.23
5.893	5.920	-0.027	51	26386	30.00-	60.00	43.45
5.893	5.920	-0.027	68	474	0.00-	2.00	1.78
5.893	5.920	-0.027	69	26682	0.00-	0.00	43.94
5.893	5.920	-0.027	70	208	0.00-	2.00	0.78
5.893	5.920	-0.027	127	32416	40.00-	60.00	53.38
5.893	5.920	-0.027	197	212	0.00-	1.00	0.35
5.893	5.920	-0.027	199	4307	5.00-	9.00	7.09
5.893	5.920	-0.027	275	17737	10.00-	30.00	29.21
5.893	5.920	-0.027	365	3041	1.00-	0.00	5.01
5.893	5.920	-0.027	441	9390	0.01-	100.00	76.55
5.893	5.920	-0.027	442	62456	40.00-	110.00	102.85
5.893	5.920	-0.027	443	12266	17.00-	23.00	19.64

Data File: x30165.d

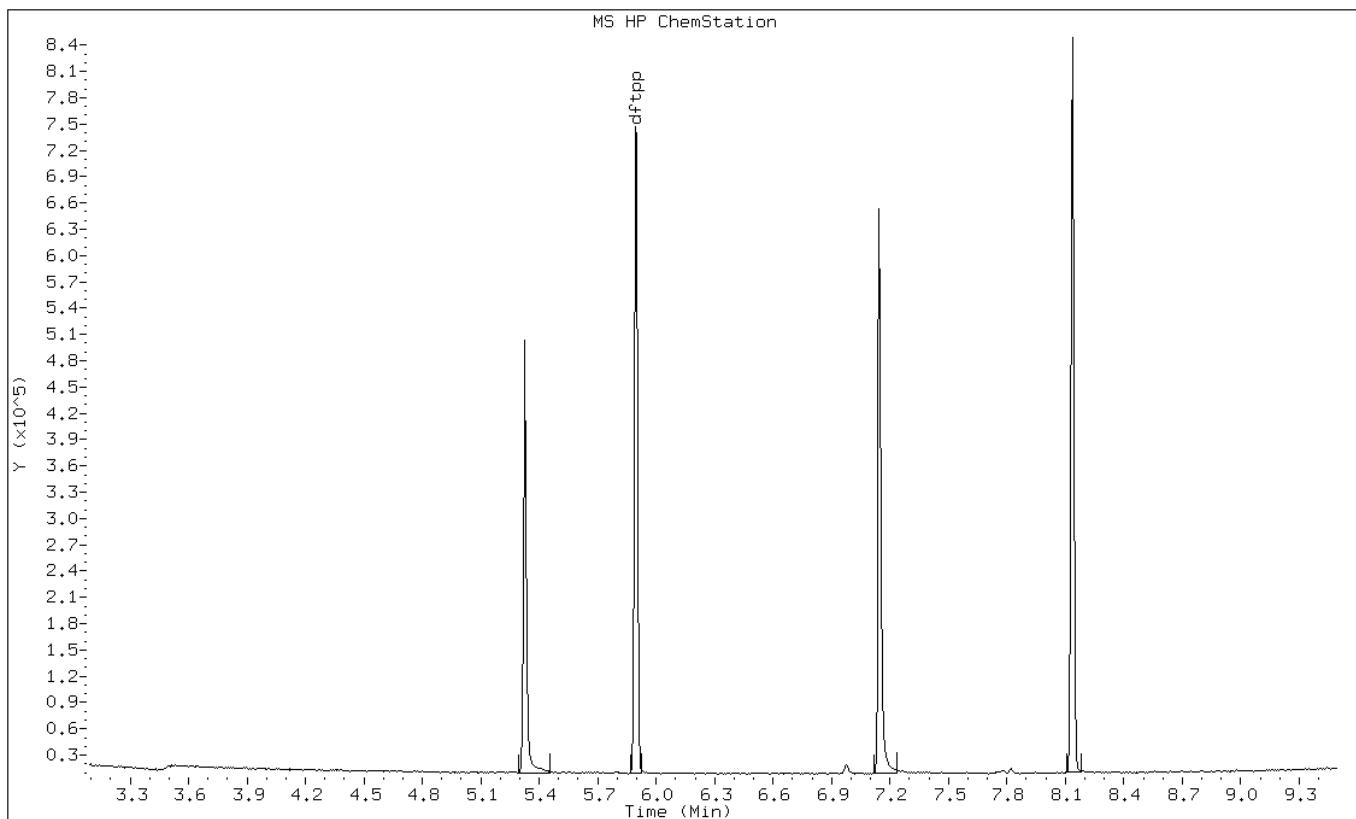
Date: 17-SEP-2012 08:55

Client ID:

Instrument: BNAMS5.i

Sample Info: DFTPP-1653831

Operator: BNA2



Data File: x30165.d

Date: 17-SEP-2012 08:55

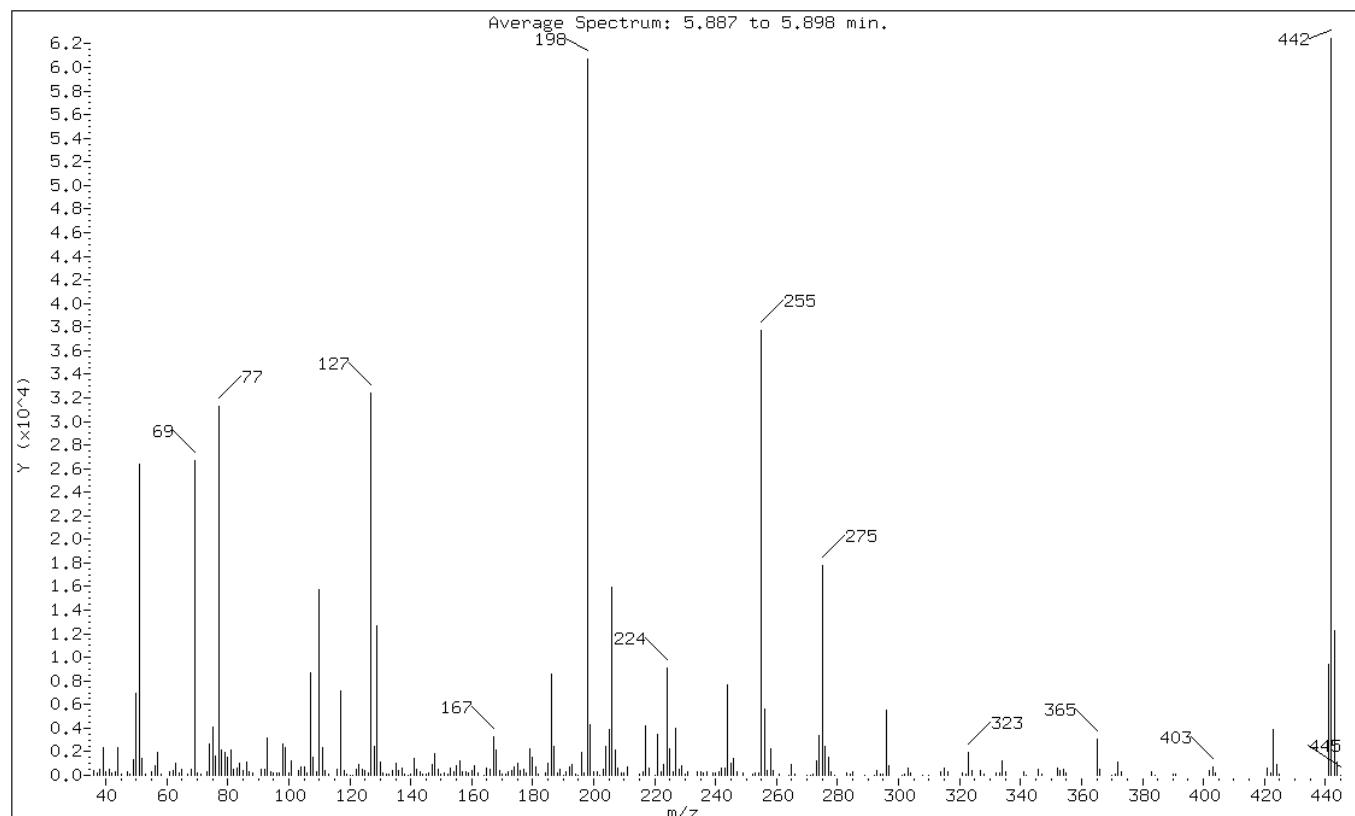
Client ID:

Instrument: BNAMS5.i

Sample Info: DFTPP-1653831

Operator: BNA2

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	43.45
68	Less than 2.00% of mass 69	0.78 (1.78)
69	Mass 69 relative abundance	43.94
70	Less than 2.00% of mass 69	0.34 (0.78)
127	40.00 - 60.00% of mass 198	53.38
197	Less than 1.00% of mass 198	0.35
199	5.00 - 9.00% of mass 198	7.09
275	10.00 - 30.00% of mass 198	29.21
365	Greater than 1.00% of mass 198	5.01
441	0.01 - 100.00% of mass 443	15.46 (76.55)
442	40.00 - 110.00% of mass 198	102.85
443	17.00 - 23.00% of mass 442	20.20 (19.64)

Data File: x30165.d

Date: 17-SEP-2012 08:55

Client ID:

Instrument: BNAMS5.i

Sample Info: DFTPP-1653831

Operator: BNA2

Data File: /chem/BNAMS5.i/8270/09-16-12/17sep12.b/x30165.d

Spectrum: Average Spectrum: 5.887 to 5.898 min.

Location of Maximum: 442.00

Number of points: 275

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	370	116.00	470	187.00	2459	272.00	97
37.00	206	117.00	7191	188.00	247	273.00	1272
38.00	463	118.00	444	189.00	519	274.00	3371
39.00	2386	119.00	116	190.00	36	275.00	17736
40.00	267	120.00	50	191.00	282	276.00	2497
41.00	506	121.00	33	192.00	728	277.00	1490
42.00	172	122.00	558	193.00	909	278.00	341
43.00	336	123.00	966	194.00	134	279.00	35
44.00	2325	124.00	499	195.00	51	283.00	245
45.00	138	125.00	393	196.00	1986	284.00	106
47.00	277	126.00	224	197.00	212	285.00	263
48.00	128	127.00	32416	198.00	60720	289.00	48
49.00	1361	128.00	2480	199.00	4307	292.00	34
50.00	6976	129.00	12625	200.00	338	293.00	362
51.00	26384	130.00	1074	201.00	350	294.00	81
52.00	1434	131.00	216	202.00	44	295.00	58
53.00	119	132.00	53	203.00	464	296.00	5544
55.00	302	133.00	93	204.00	2440	297.00	782
56.00	819	134.00	381	205.00	3852	301.00	37
57.00	1956	135.00	996	206.00	15896	302.00	87
58.00	110	136.00	421	207.00	2139	303.00	617
61.00	343	137.00	608	208.00	587	304.00	156
62.00	408	138.00	105	209.00	225	308.00	39
63.00	1067	139.00	46	210.00	202	310.00	39
64.00	166	140.00	148	211.00	695	314.00	279
65.00	559	141.00	1420	215.00	132	315.00	648
67.00	137	142.00	491	216.00	352	316.00	331
68.00	474	143.00	354	217.00	4223	321.00	167
69.00	26680	144.00	99	218.00	572	322.00	94
70.00	208	145.00	71	220.00	38	323.00	1962
71.00	148	146.00	214	221.00	3446	324.00	374
73.00	327	147.00	904	222.00	261	327.00	361
74.00	2686	148.00	1815	223.00	956	328.00	119
75.00	4098	149.00	479	224.00	9089	332.00	166
76.00	1625	150.00	78	225.00	2244	333.00	190
77.00	31304	151.00	221	226.00	278	334.00	1189
78.00	2142	152.00	116	227.00	3964	335.00	310
79.00	1912	153.00	563	228.00	526	341.00	270
80.00	1487	154.00	348	229.00	830	342.00	48
81.00	2137	155.00	783	230.00	115	346.00	480

82.00	492	156.00	1253	231.00	326	347.00	52
83.00	576	157.00	297	234.00	300	352.00	579
84.00	1033	158.00	262	235.00	311	353.00	392
85.00	422	159.00	217	236.00	207	354.00	525
86.00	1119	160.00	439	237.00	282	355.00	158
87.00	318	161.00	802	239.00	212	365.00	3041
88.00	199	162.00	248	240.00	154	366.00	473
91.00	514	164.00	37	241.00	273	370.00	43
92.00	531	165.00	580	242.00	580	371.00	134
93.00	3124	166.00	467	243.00	586	372.00	1123
94.00	319	167.00	3310	244.00	7693	373.00	265
95.00	185	168.00	2127	245.00	996	383.00	259
96.00	169	169.00	363	246.00	1403	384.00	43
97.00	181	170.00	89	247.00	332	390.00	141
98.00	2619	171.00	90	249.00	233	391.00	89
99.00	2326	172.00	291	252.00	74	402.00	449
100.00	207	173.00	361	253.00	183	403.00	670
101.00	1190	174.00	679	254.00	188	404.00	198
103.00	425	175.00	1058	255.00	37736	421.00	609
104.00	760	176.00	405	256.00	5625	422.00	214
105.00	682	177.00	562	257.00	427	423.00	3871
106.00	204	178.00	175	258.00	2222	424.00	877
107.00	8645	179.00	2218	259.00	393	425.00	94
108.00	1555	180.00	1545	261.00	72	441.00	9390
109.00	332	181.00	709	264.00	44	442.00	62456
110.00	15698	182.00	112	265.00	886	443.00	12266
111.00	2307	184.00	224	266.00	145	444.00	1104
112.00	377	185.00	1029	270.00	36	445.00	35
113.00	88	186.00	8590	271.00	34		

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-127373/1-A

Matrix: Solid Lab File ID: u80439.d

Analysis Method: 8270C Date Collected: _____

Extract. Method: 3541 Date Extracted: 09/11/2012 12:56

Sample wt/vol: 15.01(g) Date Analyzed: 09/12/2012 02:21

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: _____ GPC Cleanup:(Y/N) N

Analysis Batch No.: 127512 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	44	U	330	44
95-57-8	2-Chlorophenol	43	U	330	43
95-48-7	2-Methylphenol	56	U	330	56
106-44-5	4-Methylphenol	65	U	330	65
100-52-7	Benzaldehyde	39	U	330	39
98-86-2	Acetophenone	51	U	330	51
111-44-4	Bis(2-chloroethyl)ether	4.5	U	33	4.5
108-60-1	2,2'-oxybis[1-chloropropane]	37	U	330	37
621-64-7	N-Nitrosodi-n-propylamine	5.5	U	33	5.5
98-95-3	Nitrobenzene	4.7	U	33	4.7
67-72-1	Hexachloroethane	3.7	U	33	3.7
78-59-1	Isophorone	40	U	330	40
88-75-5	2-Nitrophenol	37	U	330	37
105-67-9	2,4-Dimethylphenol	82	U	330	82
120-83-2	2,4-Dichlorophenol	48	U	330	48
111-91-1	Bis(2-chloroethoxy)methane	43	U	330	43
91-20-3	Naphthalene	38	U	330	38
106-47-8	4-Chloroaniline	88	U	330	88
87-68-3	Hexachlorobutadiene	8.1	U	67	8.1
105-60-2	Caprolactam	76	U	330	76
59-50-7	4-Chloro-3-methylphenol	50	U	330	50
91-57-6	2-Methylnaphthalene	42	U	330	42
118-74-1	Hexachlorobenzene	4.5	U	33	4.5
77-47-4	Hexachlorocyclopentadiene	39	U	330	39
88-06-2	2,4,6-Trichlorophenol	39	U	330	39
95-95-4	2,4,5-Trichlorophenol	43	U	330	43
92-52-4	Diphenyl	44	U	330	44
91-58-7	2-Chloronaphthalene	37	U	330	37
88-74-4	2-Nitroaniline	140	U	670	140
606-20-2	2,6-Dinitrotoluene	10	U	67	10
131-11-3	Dimethyl phthalate	39	U	330	39
208-96-8	Acenaphthylene	39	U	330	39
99-09-2	3-Nitroaniline	120	U	670	120
83-32-9	Acenaphthene	48	U	330	48

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-127373/1-A

Matrix: Solid Lab File ID: u80439.d

Analysis Method: 8270C Date Collected: _____

Extract. Method: 3541 Date Extracted: 09/11/2012 12:56

Sample wt/vol: 15.01(g) Date Analyzed: 09/12/2012 02:21

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: _____ GPC Cleanup:(Y/N) N

Analysis Batch No.: 127512 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	210	U	1000	210
51-28-5	2,4-Dinitrophenol	190	U	1000	190
132-64-9	Dibenzofuran	39	U	330	39
84-66-2	Diethyl phthalate	39	U	330	39
86-73-7	Fluorene	42	U	330	42
206-44-0	Fluoranthene	44	U	330	44
84-74-2	Di-n-butyl phthalate	41	U	330	41
121-14-2	2,4-Dinitrotoluene	11	U	67	11
7005-72-3	4-Chlorophenyl phenyl ether	39	U	330	39
100-01-6	4-Nitroaniline	100	U	670	100
534-52-1	4,6-Dinitro-2-methylphenol	90	U	1000	90
101-55-3	4-Bromophenyl phenyl ether	33	U	330	33
1912-24-9	Atrazine	51	U	330	51
120-12-7	Anthracene	40	U	330	40
86-74-8	Carbazole	39	U	330	39
85-01-8	Phenanthrene	42	U	330	42
87-86-5	Pentachlorophenol	99	U	1000	99
129-00-0	Pyrene	28	U	330	28
218-01-9	Chrysene	39	U	330	39
207-08-9	Benzo[k]fluoranthene	2.5	U	33	2.5
191-24-2	Benzo[g,h,i]perylene	24	U	330	24
205-99-2	Benzo[b]fluoranthene	2.1	U	33	2.1
50-32-8	Benzo[a]pyrene	2.3	U	33	2.3
56-55-3	Benzo[a]anthracene	2.3	U	33	2.3
86-30-6	N-Nitrosodiphenylamine	33	U	330	33
85-68-7	Butyl benzyl phthalate	30	U	330	30
117-81-7	Bis(2-ethylhexyl) phthalate	110	U	330	110
117-84-0	Di-n-octyl phthalate	21	U	330	21
193-39-5	Indeno[1,2,3-cd]pyrene	6.1	U	33	6.1
53-70-3	Dibenz(a,h)anthracene	4.2	U	33	4.2
91-94-1	3,3'-Dichlorobenzidine	120	U	670	120
95-94-3	1,2,4,5-Tetrachlorobenzene	44	U	330	44
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	330	43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44405-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-127373/1-A
 Matrix: Solid Lab File ID: u80439.d
 Analysis Method: 8270C Date Collected: _____
 Extract. Method: 3541 Date Extracted: 09/11/2012 12:56
 Sample wt/vol: 15.01(g) Date Analyzed: 09/12/2012 02:21
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: _____ GPC Cleanup:(Y/N) N
 Analysis Batch No.: 127512 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	94		38-105
4165-62-2	Phenol-d5	94		41-118
1718-51-0	Terphenyl-d14	95		16-151
118-79-6	2,4,6-Tribromophenol	98		10-120
367-12-4	2-Fluorophenol	100		37-125
321-60-8	2-Fluorobiphenyl	84		40-109

Data File: /chem/BNAMS4.i/8270T/09-07-12/12sep12.b/u80439.d
Report Date: 12-Sep-2012 02:53

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/09-07-12/12sep12.b/u80439.d
Lab Smp Id: MB 460-127373/1-A
Inj Date : 12-SEP-2012 02:21
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : MB 460-127373/1-A
Misc Info :
Comment :
Method : /chem/BNAMS4.i/8270T/09-07-12/12sep12.b/8270C_11.m
Meth Date : 12-Sep-2012 01:48 asfawa Quant Type: ISTD
Cal Date : 07-SEP-2012 16:43 Cal File: u80338.d
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)
\$ 16 2-Fluorophenol (SUR)	112	2.159	2.145	(0.641)	938736	99.6217	6600
\$ 17 Phenol-d5 (SUR)	99	3.066	3.077	(0.911)	1166377	94.2019	6300
* 79 1,4-Dichlorobenzene-d4	152	3.366	3.366	(1.000)	260070	40.0000	
\$ 76 Nitrobenzene-d5 (SUR)	82	3.955	3.969	(0.846)	533099	47.2377	3100
* 80 Naphthalene-d8	136	4.677	4.688	(1.000)	934484	40.0000	
\$ 77 2-Fluorobiphenyl (SUR)	172	5.793	5.806	(0.900)	931227	42.0924	2800
* 82 Acenaphthene-d10	164	6.439	6.450	(1.000)	675629	40.0000	
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.230	7.231	(1.123)	431453	98.3995	6600
* 83 Phenanthrene-d10	188	7.891	7.900	(1.000)	1355869	40.0000	
\$ 78 Terphenyl-d14	244	9.468	9.473	(0.903)	1330638	47.2566	3200
* 81 Chrysene-d12	240	10.486	10.499	(1.000)	1177331	40.0000	
* 84 Perylene-d12	264	12.145	12.150	(1.000)	966448	40.0000	

Data File: u80439.d

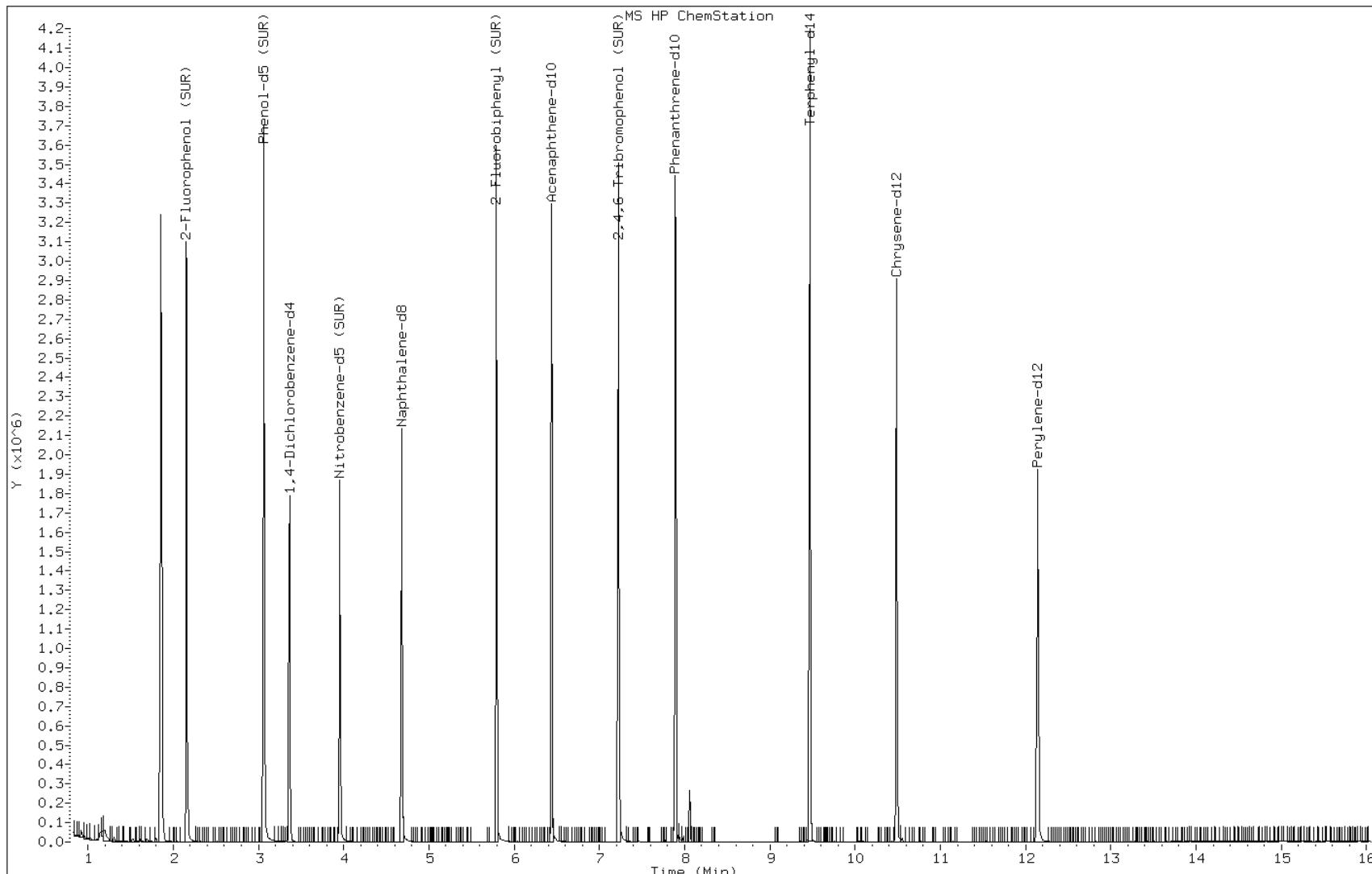
Date: 12-SEP-2012 02:21

Client ID:

Instrument: BNAMS4.i

Sample Info: MB 460-127373/1-A

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Client Sample ID: _____

Lab Sample ID: MB 460-127814/1-A

Matrix: Water

Lab File ID: x30159.d

Analysis Method: 8270C

Date Collected: _____

Extract. Method: 3510C

Date Extracted: 09/14/2012 08:04

Sample wt/vol: 1000 (mL)

Date Analyzed: 09/17/2012 01:25

Con. Extract Vol.: 2 (mL)

Dilution Factor: 1

Injection Volume: 1 (uL)

Level: (low/med) Low

% Moisture: _____

GPC Cleanup: (Y/N) N

Analysis Batch No.: 128115

Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	0.81	U	10	0.81
95-57-8	2-Chlorophenol	2.2	U	10	2.2
95-48-7	2-Methylphenol	1.8	U	10	1.8
106-44-5	4-Methylphenol	1.6	U	10	1.6
100-52-7	Benzaldehyde	2.0	U	10	2.0
98-86-2	Acetophenone	2.7	U	10	2.7
111-44-4	Bis(2-chloroethyl)ether	0.28	U	1.0	0.28
108-60-1	2,2'-oxybis[1-chloropropane]	2.0	U	10	2.0
621-64-7	N-Nitrosodi-n-propylamine	0.25	U	1.0	0.25
98-95-3	Nitrobenzene	0.30	U	1.0	0.30
67-72-1	Hexachloroethane	0.25	U	1.0	0.25
78-59-1	Isophorone	2.7	U	10	2.7
88-75-5	2-Nitrophenol	2.4	U	10	2.4
105-67-9	2,4-Dimethylphenol	3.4	U	10	3.4
120-83-2	2,4-Dichlorophenol	2.6	U	10	2.6
111-91-1	Bis(2-chloroethoxy)methane	2.6	U	10	2.6
91-20-3	Naphthalene	2.7	U	10	2.7
106-47-8	4-Chloroaniline	2.0	U	10	2.0
87-68-3	Hexachlorobutadiene	0.57	U	2.0	0.57
105-60-2	Caprolactam	2.5	U	10	2.5
59-50-7	4-Chloro-3-methylphenol	2.5	U	10	2.5
91-57-6	2-Methylnaphthalene	3.0	U	10	3.0
118-74-1	Hexachlorobenzene	0.29	U	1.0	0.29
77-47-4	Hexachlorocyclopentadiene	1.7	U	10	1.7
88-06-2	2,4,6-Trichlorophenol	2.4	U	10	2.4
95-95-4	2,4,5-Trichlorophenol	2.6	U	10	2.6
92-52-4	Diphenyl	2.8	U	10	2.8
91-58-7	2-Chloronaphthalene	2.7	U	10	2.7
88-74-4	2-Nitroaniline	4.9	U	20	4.9
606-20-2	2,6-Dinitrotoluene	0.61	U	2.0	0.61
131-11-3	Dimethyl phthalate	2.8	U	10	2.8
208-96-8	Acenaphthylene	2.7	U	10	2.7
99-09-2	3-Nitroaniline	5.0	U	20	5.0
83-32-9	Acenaphthene	2.7	U	10	2.7

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Client Sample ID: _____

Lab Sample ID: MB 460-127814/1-A

Matrix: Water

Lab File ID: x30159.d

Analysis Method: 8270C

Date Collected: _____

Extract. Method: 3510C

Date Extracted: 09/14/2012 08:04

Sample wt/vol: 1000 (mL)

Date Analyzed: 09/17/2012 01:25

Con. Extract Vol.: 2 (mL)

Dilution Factor: 1

Injection Volume: 1 (uL)

Level: (low/med) Low

% Moisture: _____

GPC Cleanup: (Y/N) N

Analysis Batch No.: 128115

Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	6.7	U	30	6.7
51-28-5	2,4-Dinitrophenol	5.4	U	30	5.4
132-64-9	Dibenzofuran	2.8	U	10	2.8
84-66-2	Diethyl phthalate	2.9	U	10	2.9
86-73-7	Fluorene	2.8	U	10	2.8
206-44-0	Fluoranthene	3.2	U	10	3.2
84-74-2	Di-n-butyl phthalate	2.9	U	10	2.9
121-14-2	2,4-Dinitrotoluene	0.47	U	2.0	0.47
7005-72-3	4-Chlorophenyl phenyl ether	2.5	U	10	2.5
100-01-6	4-Nitroaniline	5.8	U	20	5.8
534-52-1	4,6-Dinitro-2-methylphenol	4.7	U	30	4.7
101-55-3	4-Bromophenyl phenyl ether	2.5	U	10	2.5
1912-24-9	Atrazine	3.0	U	10	3.0
120-12-7	Anthracene	2.8	U	10	2.8
86-74-8	Carbazole	3.2	U	10	3.2
85-01-8	Phenanthrene	3.1	U	10	3.1
87-86-5	Pentachlorophenol	5.3	U	30	5.3
129-00-0	Pyrene	2.9	U	10	2.9
218-01-9	Chrysene	3.1	U	10	3.1
207-08-9	Benzo[k]fluoranthene	0.26	U	1.0	0.26
191-24-2	Benzo[g,h,i]perylene	2.0	U	10	2.0
205-99-2	Benzo[b]fluoranthene	0.26	U	1.0	0.26
50-32-8	Benzo[a]pyrene	0.14	U	1.0	0.14
56-55-3	Benzo[a]anthracene	0.27	U	1.0	0.27
86-30-6	N-Nitrosodiphenylamine	2.9	U	10	2.9
85-68-7	Butyl benzyl phthalate	2.5	U	10	2.5
117-81-7	Bis(2-ethylhexyl) phthalate	2.0	U	10	2.0
117-84-0	Di-n-octyl phthalate	1.5	U	10	1.5
193-39-5	Indeno[1,2,3-cd]pyrene	0.15	U	1.0	0.15
53-70-3	Dibenz(a,h)anthracene	0.090	U	1.0	0.090
91-94-1	3,3'-Dichlorobenzidine	4.9	U	20	4.9
95-94-3	1,2,4,5-Tetrachlorobenzene	2.6	U	10	2.6
58-90-2	2,3,4,6-Tetrachlorophenol	2.5	U	10	2.5

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44405-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-127814/1-A
 Matrix: Water Lab File ID: x30159.d
 Analysis Method: 8270C Date Collected: _____
 Extract. Method: 3510C Date Extracted: 09/14/2012 08:04
 Sample wt/vol: 1000 (mL) Date Analyzed: 09/17/2012 01:25
 Con. Extract Vol.: 2 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) Level: (low/med) Low
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 128115 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	102		56-112
4165-62-2	Phenol-d5	27		10-48
1718-51-0	Terphenyl-d14	103		50-122
118-79-6	2,4,6-Tribromophenol	101		46-122
367-12-4	2-Fluorophenol	44		10-65
321-60-8	2-Fluorobiphenyl	99		53-108

Data File: /chem/BNAMS5.i/8270/09-16-12/16sep12a.b/x30159.d
Report Date: 17-Sep-2012 10:45

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/09-16-12/16sep12a.b/x30159.d
Lab Smp Id: MB 460-127814/1-A
Inj Date : 17-SEP-2012 01:25
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : MB 460-127814/1-A
Misc Info : MB 460-127814/1-A
Comment :
Method : /chem/BNAMS5.i/8270/09-16-12/16sep12a.b/8270C_11.m
Meth Date : 17-Sep-2012 08:33 croccom Quant Type: ISTD
Cal Date : 16-SEP-2012 14:54 Cal File: x30145.d
Als bottle: 17 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-h20.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)
\$ 16 2-Fluorophenol (SUR)	112	3.266	3.266 (0.718)		664559	21.9557	44
\$ 17 Phenol-d5 (SUR)	99	4.154	4.184 (0.913)		476378	13.5334	27
113 n-decane	43	4.384	4.395 (0.964)		8497	0.27787	0.56(a)
* 79 1,4-Dichlorobenzene-d4	152	4.549	4.554 (1.000)		861258	40.0000	
26 Hexachloroethane	117	5.060	5.060 (1.113)		1361	0.10373	0.21(a)
\$ 76 Nitrobenzene-d5 (SUR)	82	5.101	5.107 (0.876)		1509292	50.9169	100
* 80 Naphthalene-d8	136	5.825	5.831 (1.000)		3280638	40.0000	
33 Hexachlorobutadiene	225	5.978	5.984 (1.026)		1599	0.10088	0.20(a)
\$ 77 2-Fluorobiphenyl (SUR)	172	6.907	6.913 (0.912)		2884326	49.2702	98
* 82 Acenaphthene-d10	164	7.578	7.583 (1.000)		1660007	40.0000	
\$ 18 2,4,6-Tribromophenol (SUR)	330	8.354	8.360 (1.102)		403714	50.4550	100
* 83 Phenanthrene-d10	188	9.042	9.048 (1.000)		2170145	40.0000	
\$ 78 Terphenyl-d14	244	10.625	10.630 (0.897)		1822219	51.3793	100
* 81 Chrysene-d12	240	11.848	11.860 (1.000)		1062216	40.0000	
* 84 Perylene-d12	264	13.813	13.818 (1.000)		654669	40.0000	

Data File: /chem/BNAMS5.i/8270/09-16-12/16sep12a.b/x30159.d
Report Date: 17-Sep-2012 10:45

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: x30159.d

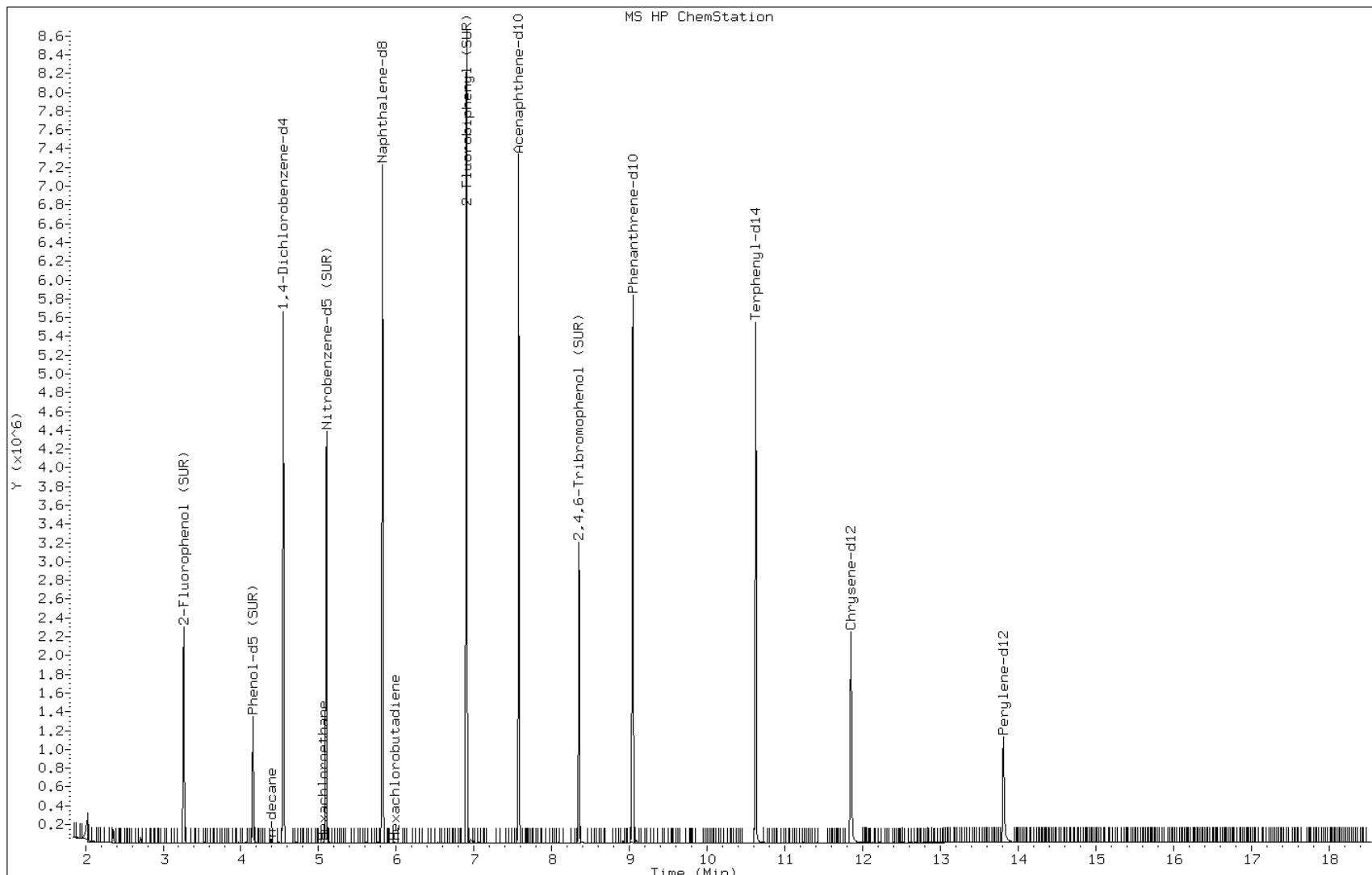
Date: 17-SEP-2012 01:25

Client ID:

Instrument: BNAMS5.i

Sample Info: MB 460-127814/1-A

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-127373/2-A

Matrix: Solid Lab File ID: u80438.d

Analysis Method: 8270C Date Collected: _____

Extract. Method: 3541 Date Extracted: 09/11/2012 12:56

Sample wt/vol: 15.01(g) Date Analyzed: 09/12/2012 02:01

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: _____ GPC Cleanup:(Y/N) N

Analysis Batch No.: 127512 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	5050		330	44
95-57-8	2-Chlorophenol	5110		330	43
95-48-7	2-Methylphenol	4660		330	56
106-44-5	4-Methylphenol	4680		330	65
100-52-7	Benzaldehyde	1230		330	39
98-86-2	Acetophenone	1990		330	51
111-44-4	Bis(2-chloroethyl)ether	2020		33	4.5
108-60-1	2,2'-oxybis[1-chloropropane]	2180		330	37
621-64-7	N-Nitrosodi-n-propylamine	2360		33	5.5
98-95-3	Nitrobenzene	2290		33	4.7
67-72-1	Hexachloroethane	1940		33	3.7
78-59-1	Isophorone	2080		330	40
88-75-5	2-Nitrophenol	5030		330	37
105-67-9	2,4-Dimethylphenol	5270		330	82
120-83-2	2,4-Dichlorophenol	5020		330	48
111-91-1	Bis(2-chloroethoxy)methane	2440		330	43
91-20-3	Naphthalene	2430		330	38
106-47-8	4-Chloroaniline	1890		330	88
87-68-3	Hexachlorobutadiene	2350		67	8.1
105-60-2	Caprolactam	1800		330	76
59-50-7	4-Chloro-3-methylphenol	5260		330	50
91-57-6	2-Methylnaphthalene	2600		330	42
118-74-1	Hexachlorobenzene	2470		33	4.5
77-47-4	Hexachlorocyclopentadiene	1400		330	39
88-06-2	2,4,6-Trichlorophenol	5110		330	39
95-95-4	2,4,5-Trichlorophenol	4890		330	43
92-52-4	Diphenyl	2350		330	44
91-58-7	2-Chloronaphthalene	2340		330	37
88-74-4	2-Nitroaniline	2520		670	140
606-20-2	2,6-Dinitrotoluene	2520		67	10
131-11-3	Dimethyl phthalate	2510		330	39
208-96-8	Acenaphthylene	2260		330	39
99-09-2	3-Nitroaniline	2050		670	120
83-32-9	Acenaphthene	2380		330	48

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-127373/2-A

Matrix: Solid Lab File ID: u80438.d

Analysis Method: 8270C Date Collected: _____

Extract. Method: 3541 Date Extracted: 09/11/2012 12:56

Sample wt/vol: 15.01(g) Date Analyzed: 09/12/2012 02:01

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: _____ GPC Cleanup:(Y/N) N

Analysis Batch No.: 127512 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	5190		1000	210
51-28-5	2,4-Dinitrophenol	2130		1000	190
132-64-9	Dibenzofuran	2420		330	39
84-66-2	Diethyl phthalate	2480		330	39
86-73-7	Fluorene	2520		330	42
206-44-0	Fluoranthene	2720		330	44
84-74-2	Di-n-butyl phthalate	2580		330	41
121-14-2	2,4-Dinitrotoluene	2600		67	11
7005-72-3	4-Chlorophenyl phenyl ether	2540		330	39
100-01-6	4-Nitroaniline	2470		670	100
534-52-1	4,6-Dinitro-2-methylphenol	2890		1000	90
101-55-3	4-Bromophenyl phenyl ether	2510		330	33
1912-24-9	Atrazine	1500		330	51
120-12-7	Anthracene	2530		330	40
86-74-8	Carbazole	2750		330	39
85-01-8	Phenanthrene	2540		330	42
87-86-5	Pentachlorophenol	4600		1000	99
129-00-0	Pyrene	2410		330	28
218-01-9	Chrysene	2400		330	39
207-08-9	Benzo[k]fluoranthene	2600		33	2.5
191-24-2	Benzo[g,h,i]perylene	2250		330	24
205-99-2	Benzo[b]fluoranthene	2340		33	2.1
50-32-8	Benzo[a]pyrene	2360		33	2.3
56-55-3	Benzo[a]anthracene	2330		33	2.3
86-30-6	N-Nitrosodiphenylamine	2510		330	33
85-68-7	Butyl benzyl phthalate	2420		330	30
117-81-7	Bis(2-ethylhexyl) phthalate	2520		330	110
117-84-0	Di-n-octyl phthalate	2620		330	21
193-39-5	Indeno[1,2,3-cd]pyrene	2000		33	6.1
53-70-3	Dibenz(a,h)anthracene	2190		33	4.2
91-94-1	3,3'-Dichlorobenzidine	1910		670	120
95-94-3	1,2,4,5-Tetrachlorobenzene	2020		330	44
58-90-2	2,3,4,6-Tetrachlorophenol	2560		330	43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 460-127373/2-A
Matrix: Solid Lab File ID: u80438.d
Analysis Method: 8270C Date Collected: _____
Extract. Method: 3541 Date Extracted: 09/11/2012 12:56
Sample wt/vol: 15.01(g) Date Analyzed: 09/12/2012 02:01
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: 1(uL) Level: (low/med) Low
% Moisture: _____ GPC Cleanup:(Y/N) N
Analysis Batch No.: 127512 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	67		38-105
4165-62-2	Phenol-d5	69		41-118
1718-51-0	Terphenyl-d14	73		16-151
118-79-6	2,4,6-Tribromophenol	74		10-120
367-12-4	2-Fluorophenol	68		37-125
321-60-8	2-Fluorobiphenyl	65		40-109

Data File: /chem/BNAMS4.i/8270T/09-07-12/12sep12.b/u80438.d
Report Date: 12-Sep-2012 08:54

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/09-07-12/12sep12.b/u80438.d
Lab Smp Id: LCS 460-127373/2-A
Inj Date : 12-SEP-2012 02:01
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : LCS 460-127373/2-A
Misc Info :
Comment :
Method : /chem/BNAMS4.i/8270T/09-07-12/12sep12.b/8270C_11.m
Meth Date : 12-Sep-2012 01:48 asfawa Quant Type: ISTD
Cal Date : 07-SEP-2012 16:43 Cal File: u80338.d
Als bottle: 2 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)
106 1,4-Dioxane	88	0.943	0.908	(0.280)	73099	14.7402	980
19 N-Nitrosodimethylamine	74	1.134	1.107	(0.337)	284093	29.9601	2000
71 Pyridine	79	1.149	1.115	(0.341)	296240	20.1894	1300
\$ 16 2-Fluorophenol (SUR)	112	2.154	2.145	(0.640)	1070766	68.2084	4500
110 Benzaldehyde	77	2.917	2.915	(0.866)	156542	18.4413	1200
73 Aniline	93	3.043	3.040	(0.904)	487043	22.6603	1500
\$ 17 Phenol-d5 (SUR)	99	3.080	3.077	(0.915)	1421711	68.9231	4600
1 Phenol	94	3.095	3.092	(0.919)	1582618	75.7672	5000
20 bis(2-Chloroethyl)ether	93	3.125	3.122	(0.928)	538585	30.2865	2000
2 2-Chlorophenol	128	3.170	3.167	(0.941)	1239356	76.6811	5100
113 n-decane	43	3.228	3.234	(0.959)	373567	23.4724	1600
21 1,3-Dichlorobenzene	146	3.309	3.308	(0.983)	465373	28.3295	1900
* 79 1,4-Dichlorobenzene-d4	152	3.367	3.366	(1.000)	433269	40.0000	

Data File: /chem/BNAMS4.i/8270T/09-07-12/12sep12.b/u80438.d
 Report Date: 12-Sep-2012 08:54

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)
22 1,4-Dichlorobenzene	146	3.389	3.389 (1.006)		493733	28.9998	1900
74 Benzyl Alcohol	108	3.559	3.556 (1.057)		391810	35.0029	2300
23 1,2-Dichlorobenzene	146	3.544	3.541 (1.052)		509525	31.3071	2100
24 bis (2-chloroisopropyl) ether	45	3.684	3.688 (1.094)		830564	32.7715	2200
3 2-Methylphenol	108	3.707	3.711 (1.101)		1097921	69.9531	4700
104 Acetophenone	105	3.824	3.820 (1.136)		692530	29.9439	2000
25 N-Nitroso-di-n-propylamine	70	3.839	3.843 (1.140)		503293	35.3837	2400
4 4-Methylphenol	108	3.884	3.880 (1.153)		1163007	70.2903	4700
123 3 & 4 Methylphenol	108	3.884	3.880 (1.153)		1163007	70.0925	4700
26 Hexachloroethane	117	3.876	3.880 (1.151)		262267	29.1730	1900
\$ 76 Nitrobenzene-d5 (SUR)	82	3.963	3.969 (0.845)		644181	33.5857	2200
27 Nitrobenzene	77	3.985	3.992 (0.849)		909495	34.4158	2300
107 N,N-Dimethylaniline	120	3.993	3.992 (1.186)		774131	32.3369	2200
28 Isophorone	82	4.267	4.243 (0.910)		1026388	31.2414	2100
5 2-Nitrophenol	139	4.319	4.315 (0.921)		653984	75.4956	5000
6 2,4-Dimethylphenol	122	4.423	4.420 (0.943)		1110773	79.0590	5300
29 bis(2-Chloroethoxy)methane	93	4.490	4.487 (0.957)		675466	36.5681	2400
7 2,4-Dichlorophenol	162	4.587	4.583 (0.978)		1008327	75.3294	5000
15 Benzoic Acid	122	4.684	4.651 (0.998)		565662	60.6380	4000(M)
30 1,2,4-Trichlorobenzene	180	4.646	4.643 (0.990)		503917	34.2792	2300
* 80 Naphthalene-d8	136	4.691	4.688 (1.000)		1588202	40.0000	
31 Naphthalene	128	4.712	4.711 (1.004)		1554713	36.5170	2400
32 4-Chloroaniline	127	4.794	4.799 (1.022)		461643	28.3090	1900
33 Hexachlorobutadiene	225	4.854	4.852 (1.035)		330812	35.2253	2300
111 Caprolactam	113	5.237	5.235 (1.116)		110118	27.0151	1800
8 4-Chloro-3-methylphenol	107	5.363	5.360 (1.143)		1164809	78.9997	5300
34 2-Methylnaphthalene	142	5.415	5.418 (1.154)		984344	38.9676	2600
120 1-Methylnaphthalene	142	5.511	5.515 (1.175)		929401	35.4393	2400
35 Hexachlorocyclopentadiene	237	5.578	5.582 (0.865)		146194	20.9914	1400
129 1,2,4,5-Tetrachlorobenzene	216	5.593	5.597 (0.867)		557477	30.2929	2000(R)
9 2,4,6-Trichlorophenol	196	5.741	5.739 (0.890)		903105	76.7642	5100
10 2,4,5-Trichlorophenol	196	5.785	5.791 (0.897)		907500	73.4166	4900
\$ 77 2-Fluorobiphenyl (SUR)	172	5.800	5.806 (0.899)		1112635	32.4490	2200
102 Diphenyl	154	5.896	5.895 (0.914)		1253120	35.2079	2300
36 2-Chloronaphthalene	162	5.904	5.902 (0.915)		1047615	35.1383	2300
103 Diphenyl Ether	170	6.001	6.005 (0.930)		679721	33.8182	2200
37 2-Nitroaniline	65	6.037	6.042 (0.936)		438236	37.7866	2500
38 Dimethylphthalate	163	6.230	6.234 (0.966)		1274150	37.7332	2500
40 2,6-Dinitrotoluene	165	6.289	6.294 (0.975)		306551	37.8937	2500
39 Acenaphthylene	152	6.304	6.308 (0.977)		1526132	33.9833	2300
41 3-Nitroaniline	138	6.450	6.457 (1.000)		262415	30.8418	2000
* 82 Acenaphthene-d10	164	6.450	6.450 (1.000)		1047150	40.0000	
42 Acenaphthene	154	6.486	6.480 (1.006)		948684	35.7358	2400
11 2,4-Dinitrophenol	184	6.574	6.575 (1.019)		151075	31.9711	2100
12 4-Nitrophenol	65	6.700	6.695 (1.039)		558887	77.8640	5200
43 Dibenzofuran	168	6.655	6.658 (1.032)		1474454	36.3615	2400
44 2,4-Dinitrotoluene	165	6.692	6.695 (1.038)		416481	39.0839	2600

Data File: /chem/BNAMS4.i/8270T/09-07-12/12sep12.b/u80438.d
 Report Date: 12-Sep-2012 08:54

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)
130 2,3,4,6-Tetrachlorophenol	232	6.803	6.807	(1.055)	301057	38.4844	2600
45 Diethylphthalate	149	6.938	6.934	(1.076)	1298698	37.2726	2500
47 Fluorene	166	6.995	6.994	(1.084)	1199669	37.7745	2500
46 4-Chlorophenyl-phenylether	204	7.002	7.001	(1.086)	656830	38.1113	2500
48 4-Nitroaniline	138	7.069	7.068	(1.096)	266705	37.0355	2500
13 4,6-Dinitro-2-methylphenol	198	7.113	7.105	(0.900)	318658	43.4534	2900
49 N-Nitrosodiphenylamine	169	7.135	7.134	(0.903)	817849	37.6399	2500
75 1,2-Diphenylhydrazine	77	7.165	7.164	(0.906)	1428438	26.0452	1700
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.238	7.231	(1.122)	501457	73.7892	4900
50 4-Bromophenyl-phenylether	248	7.481	7.475	(0.946)	353040	37.6855	2500
51 Hexachlorobenzene	284	7.540	7.534	(0.954)	436891	37.0832	2500
112 Atrazine	200	7.689	7.687	(0.973)	203000	22.5397	1500
14 Pentachlorophenol	266	7.755	7.753	(0.981)	473815	68.9710	4600
115 n-Octadecane	57	7.859	7.862	(0.994)	807532	33.6099	2200
* 83 Phenanthrene-d10	188	7.904	7.900	(1.000)	1715835	40.0000	
52 Phenanthrene	178	7.927	7.930	(1.003)	1733279	38.1560	2500
53 Anthracene	178	7.979	7.975	(1.009)	1761202	37.9874	2500
54 Carbazole	167	8.154	8.153	(1.032)	1564514	41.2416	2700
55 Di-n-butylphthalate	149	8.523	8.522	(1.078)	2192539	38.6980	2600
56 Fluoranthene	202	9.082	9.085	(1.149)	1947750	40.8498	2700
58 Benzidine	184	9.238	9.231	(1.169)	31002	3.08874	200(aR)
57 Pyrene	202	9.297	9.297	(0.885)	1841926	36.1551	2400
\$ 78 Terphenyl-d14	244	9.474	9.473	(0.902)	1121398	36.2933	2400
59 Butylbenzylphthalate	149	9.968	9.964	(0.949)	873965	36.3194	2400
60 3,3'-Dichlorobenzidine	252	10.476	10.478	(0.997)	350878	28.7312	1900
61 Benzo(a)anthracene	228	10.490	10.485	(0.999)	1420173	34.9339	2300
* 81 Chrysene-d12	240	10.504	10.499	(1.000)	1291916	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	10.561	10.565	(1.005)	1195087	37.8916	2500
62 Chrysene	228	10.525	10.528	(1.002)	1298281	35.9992	2400
64 Di-n-octylphthalate	149	11.290	11.286	(0.929)	1773028	39.2906	2600
65 Benzo(b)fluoranthene	252	11.696	11.693	(0.962)	1070478	35.1006	2300
66 Benzo(k)fluoranthene	252	11.732	11.730	(0.965)	1165150	39.0271	2600
67 Benzo(a)pyrene	252	12.080	12.085	(0.994)	875142	35.3701	2400
* 84 Perylene-d12	264	12.154	12.150	(1.000)	1067938	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.489	13.494	(1.110)	853138	29.9689	2000(M)
69 Dibenz(a,h)anthracene	278	13.511	13.516	(1.112)	910816	32.9233	2200
70 Benzo(g,h,i)perylene	276	13.812	13.818	(1.136)	889878	33.7113	2200

QC Flag Legend

- a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
- R - Spike/Surrogate failed recovery limits.
- M - Compound response manually integrated.

Data File: u80438.d

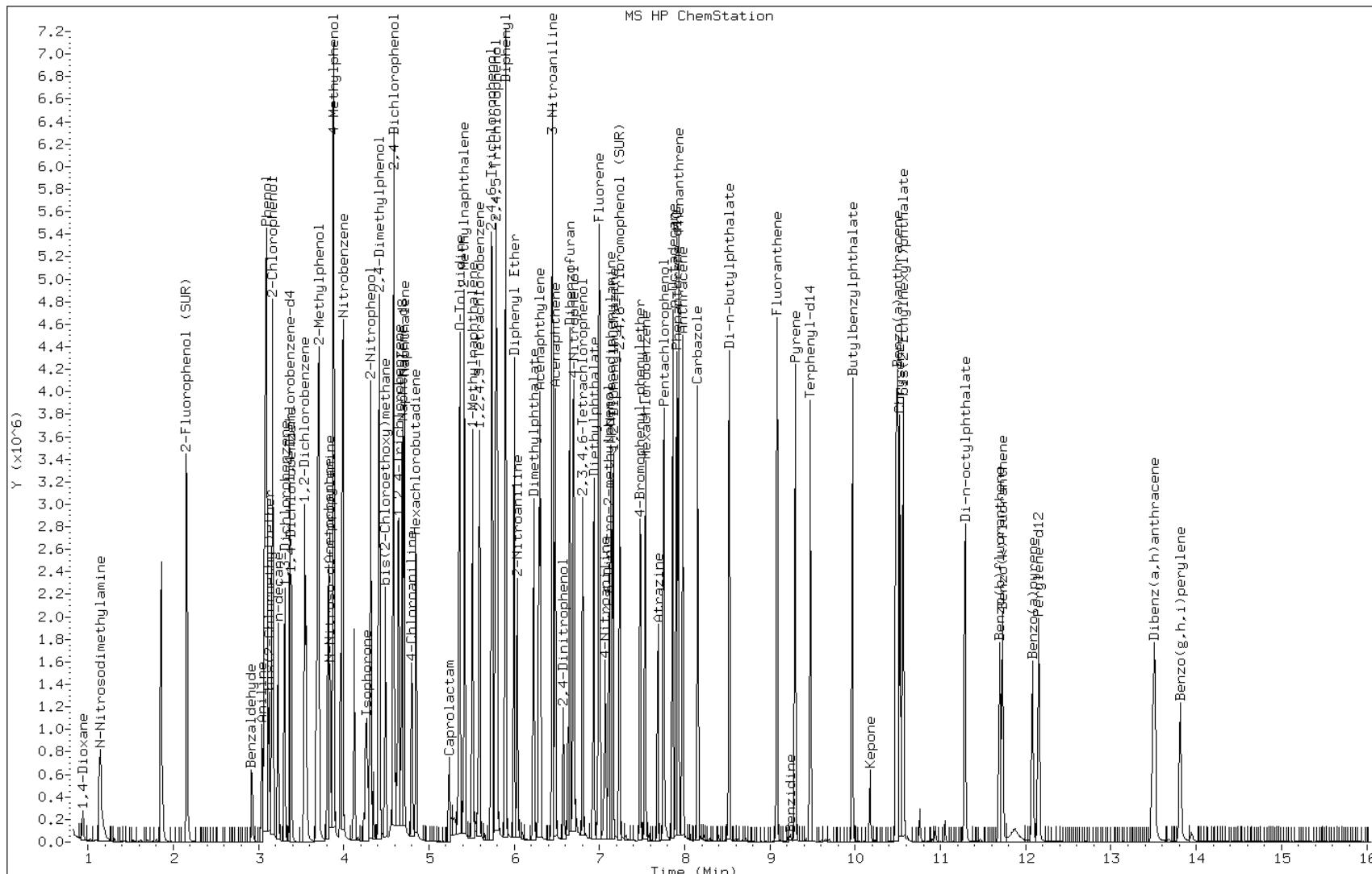
Date: 12-SEP-2012 02:01

Client ID:

Instrument: BNAMS4.i

Sample Info: LCS 460-127373/2-A

Operator: BNAMS 4

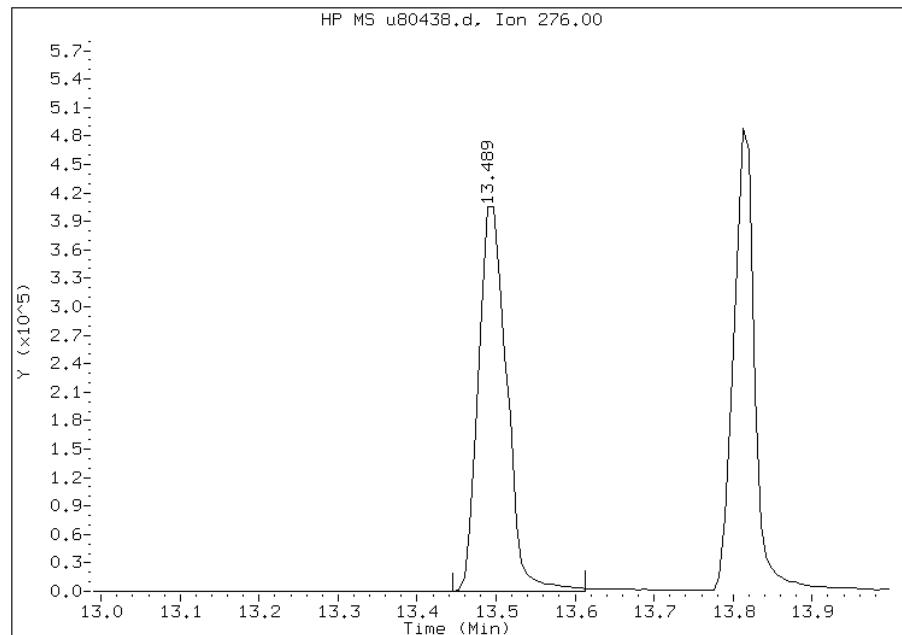


Manual Integration Report

Data File: u80438.d
Inj. Date and Time: 12-SEP-2012 02:01
Instrument ID: BNAMS4.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 09/12/2012

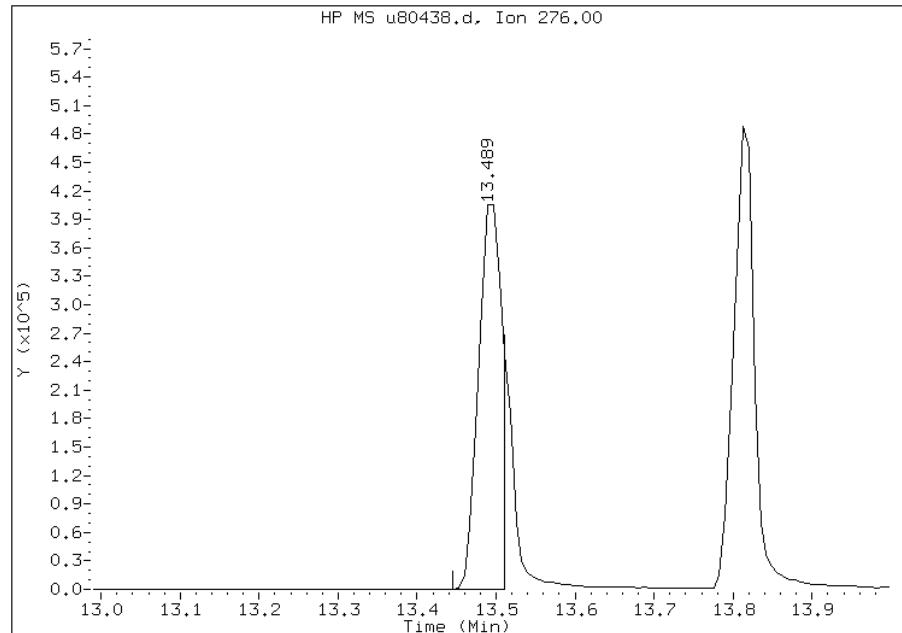
Processing Integration Results

RT: 13.49
Response: 1012057
Amount: 36
Conc: 2370



Manual Integration Results

RT: 13.49
Response: 853138
Amount: 30
Conc: 1998



Manually Integrated By: wahied

Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Client Sample ID: _____

Lab Sample ID: LCS 460-127814/2-A

Matrix: Water

Lab File ID: x30176.d

Analysis Method: 8270C

Date Collected: _____

Extract. Method: 3510C

Date Extracted: 09/14/2012 08:04

Sample wt/vol: 1000 (mL)

Date Analyzed: 09/17/2012 13:42

Con. Extract Vol.: 2 (mL)

Dilution Factor: 1

Injection Volume: 1 (uL)

Level: (low/med) Low

% Moisture: _____

GPC Cleanup: (Y/N) N

Analysis Batch No.: 128299

Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	26.6		10	0.81
95-57-8	2-Chlorophenol	81.0		10	2.2
95-48-7	2-Methylphenol	64.6		10	1.8
106-44-5	4-Methylphenol	53.6		10	1.6
100-52-7	Benzaldehyde	137		10	2.0
98-86-2	Acetophenone	87.1		10	2.7
111-44-4	Bis(2-chloroethyl)ether	84.1		1.0	0.28
108-60-1	2,2'-oxybis[1-chloropropane]	90.2		10	2.0
621-64-7	N-Nitrosodi-n-propylamine	87.1		1.0	0.25
98-95-3	Nitrobenzene	89.0		1.0	0.30
67-72-1	Hexachloroethane	85.7		1.0	0.25
78-59-1	Isophorone	86.7		10	2.7
88-75-5	2-Nitrophenol	90.3		10	2.4
105-67-9	2,4-Dimethylphenol	78.9		10	3.4
120-83-2	2,4-Dichlorophenol	89.7		10	2.6
111-91-1	Bis(2-chloroethoxy)methane	91.2		10	2.6
91-20-3	Naphthalene	88.9		10	2.7
106-47-8	4-Chloroaniline	76.6		10	2.0
87-68-3	Hexachlorobutadiene	84.4		2.0	0.57
105-60-2	Caprolactam	15.3		10	2.5
59-50-7	4-Chloro-3-methylphenol	83.6		10	2.5
91-57-6	2-Methylnaphthalene	88.0		10	3.0
118-74-1	Hexachlorobenzene	89.1		1.0	0.29
77-47-4	Hexachlorocyclopentadiene	70.5		10	1.7
88-06-2	2,4,6-Trichlorophenol	91.1		10	2.4
95-95-4	2,4,5-Trichlorophenol	95.2		10	2.6
92-52-4	Diphenyl	91.2		10	2.8
91-58-7	2-Chloronaphthalene	92.2		10	2.7
88-74-4	2-Nitroaniline	95.9		20	4.9
606-20-2	2,6-Dinitrotoluene	93.7		2.0	0.61
131-11-3	Dimethyl phthalate	93.3		10	2.8
208-96-8	Acenaphthylene	90.1		10	2.7
99-09-2	3-Nitroaniline	88.9		20	5.0
83-32-9	Acenaphthene	89.5		10	2.7

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-127814/2-A

Matrix: Water Lab File ID: x30176.d

Analysis Method: 8270C Date Collected: _____

Extract. Method: 3510C Date Extracted: 09/14/2012 08:04

Sample wt/vol: 1000 (mL) Date Analyzed: 09/17/2012 13:42

Con. Extract Vol.: 2 (mL) Dilution Factor: 1

Injection Volume: 1 (uL) Level: (low/med) Low

% Moisture: _____ GPC Cleanup: (Y/N) N

Analysis Batch No.: 128299 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	26.4	J	30	6.7
51-28-5	2,4-Dinitrophenol	73.9		30	5.4
132-64-9	Dibenzofuran	91.2		10	2.8
84-66-2	Diethyl phthalate	93.5		10	2.9
86-73-7	Fluorene	92.5		10	2.8
206-44-0	Fluoranthene	94.7		10	3.2
84-74-2	Di-n-butyl phthalate	95.4		10	2.9
121-14-2	2,4-Dinitrotoluene	95.0		2.0	0.47
7005-72-3	4-Chlorophenyl phenyl ether	92.6		10	2.5
100-01-6	4-Nitroaniline	96.5		20	5.8
534-52-1	4,6-Dinitro-2-methylphenol	87.6		30	4.7
101-55-3	4-Bromophenyl phenyl ether	91.2		10	2.5
1912-24-9	Atrazine	80.7		10	3.0
120-12-7	Anthracene	90.1		10	2.8
86-74-8	Carbazole	93.8		10	3.2
85-01-8	Phenanthrene	91.0		10	3.1
87-86-5	Pentachlorophenol	85.7		30	5.3
129-00-0	Pyrene	84.9		10	2.9
218-01-9	Chrysene	91.0		10	3.1
207-08-9	Benzo[k]fluoranthene	92.4		1.0	0.26
191-24-2	Benzo[g,h,i]perylene	93.2		10	2.0
205-99-2	Benzo[b]fluoranthene	82.7		1.0	0.26
50-32-8	Benzo[a]pyrene	89.0		1.0	0.14
56-55-3	Benzo[a]anthracene	88.0		1.0	0.27
86-30-6	N-Nitrosodiphenylamine	93.1		10	2.9
85-68-7	Butyl benzyl phthalate	93.9		10	2.5
117-81-7	Bis(2-ethylhexyl) phthalate	94.2		10	2.0
117-84-0	Di-n-octyl phthalate	86.0		10	1.5
193-39-5	Indeno[1,2,3-cd]pyrene	82.5		1.0	0.15
53-70-3	Dibenz(a,h)anthracene	87.8		1.0	0.090
91-94-1	3,3'-Dichlorobenzidine	94.9		20	4.9
95-94-3	1,2,4,5-Tetrachlorobenzene	85.8		10	2.6
58-90-2	2,3,4,6-Tetrachlorophenol	92.4		10	2.5

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 460-127814/2-A
Matrix: Water Lab File ID: x30176.d
Analysis Method: 8270C Date Collected: _____
Extract. Method: 3510C Date Extracted: 09/14/2012 08:04
Sample wt/vol: 1000 (mL) Date Analyzed: 09/17/2012 13:42
Con. Extract Vol.: 2 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) Level: (low/med) Low
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 128299 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	92		56-112
4165-62-2	Phenol-d5	25		10-48
1718-51-0	Terphenyl-d14	84		50-122
118-79-6	2,4,6-Tribromophenol	90		46-122
367-12-4	2-Fluorophenol	43		10-65
321-60-8	2-Fluorobiphenyl	88		53-108

Data File: /chem/BNAMS5.i/8270/09-16-12/17sep12.b/x30176.d
Report Date: 18-Sep-2012 01:12

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/09-16-12/17sep12.b/x30176.d
Lab Smp Id: LCS 460-127814/2-A
Inj Date : 17-SEP-2012 13:42
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : LCS 460-127814/2-A
Misc Info :
Comment :
Method : /chem/BNAMS5.i/8270/09-16-12/17sep12.b/8270C_11.m
Meth Date : 17-Sep-2012 14:50 czhao Quant Type: ISTD
Cal Date : 16-SEP-2012 14:54 Cal File: x30145.d
Als bottle: 12 QC Sample: BS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)
106 1,4-Dioxane	88	1.899	1.863 (0.418)		338258	21.7657	44
19 N-Nitrosodimethylamine	74	2.122	2.104 (0.467)		487127	21.9093	44
71 Pyridine	79	2.158	2.134 (0.475)		649860	17.3147	35
\$ 16 2-Fluorophenol (SUR)	112	3.263	3.263 (0.718)		722906	21.5642	43
110 Benzaldehyde	77	4.104	4.104 (0.903)		1037435	68.3130	140
73 Aniline	93	4.210	4.216 (0.926)		1331278	27.0477	54
\$ 17 Phenol-d5 (SUR)	99	4.163	4.175 (0.916)		489410	12.5536	25
1 Phenol	94	4.175	4.187 (0.918)		563277	13.3148	27
20 bis(2-Chloroethyl)ether	93	4.269	4.275 (0.939)		1459296	42.0437	84
2 2-Chlorophenol	128	4.334	4.340 (0.953)		1443966	40.5238	81
113 n-decane	43	4.387	4.387 (0.965)		1349180	39.8369	80
21 1,3-Dichlorobenzene	146	4.493	4.492 (0.988)		1714288	43.3254	87
* 79 1,4-Dichlorobenzene-d4	152	4.546	4.545 (1.000)		953884	40.0000	
22 1,4-Dichlorobenzene	146	4.563	4.563 (1.004)		1714964	43.2221	86
74 Benzyl Alcohol	108	4.675	4.681 (1.028)		674765	30.6911	61

Data File: /chem/BNAMS5.i/8270/09-16-12/17sep12.b/x30176.d
 Report Date: 18-Sep-2012 01:12

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)
23 1,2-Dichlorobenzene	146	4.716	4.716 (1.038)	1621759	43.6879		87
24 bis (2-chloroisopropyl) ether	45	4.810	4.810 (1.058)	1953400	45.0827		90
3 2-Methylphenol	108	4.787	4.787 (1.053)	977898	32.2970		64
104 Acetophenone	105	4.946	4.951 (1.088)	1731208	43.5624		87
25 N-Nitroso-di-n-propylamine	70	4.951	4.951 (1.089)	919528	43.5587		87
4 4-Methylphenol	108	4.946	4.945 (1.088)	807436	26.7937		54
123 3 & 4 Methylphenol	108	4.946	4.945 (1.088)	807436	26.7937		54
26 Hexachloroethane	117	5.051	5.057 (1.111)	622334	42.8267		86
\$ 76 Nitrobenzene-d5 (SUR)	82	5.099	5.098 (0.876)	1389956	45.9566		92
27 Nitrobenzene	77	5.122	5.122 (0.880)	1769087	44.4842		89
107 N,N-Dimethylaniline	120	5.122	5.122 (1.127)	1775348	37.4823		75
28 Isophorone	82	5.363	5.357 (0.921)	2238221	43.3258		87
5 2-Nitrophenol	139	5.434	5.434 (0.933)	807048	45.1750		90
6 2,4-Dimethylphenol	122	5.475	5.475 (0.940)	1106176	39.4486		79
29 bis(2-Chloroethoxy)methane	93	5.569	5.569 (0.957)	1494229	45.6143		91
15 Benzoic Acid	122	5.534	5.587 (0.950)	46125	2.84967	5.7(aRH)	
7 2,4-Dichlorophenol	162	5.681	5.675 (0.976)	1090078	44.8546		90
30 1,2,4-Trichlorobenzene	180	5.763	5.763 (0.990)	1206103	44.2461		88
* 80 Naphthalene-d8	136	5.822	5.822 (1.000)	3347345	40.0000		
31 Naphthalene	128	5.846	5.845 (1.004)	3978328	44.4646		89
32 4-Chloroaniline	127	5.893	5.892 (1.012)	1289553	38.3035		77
33 Hexachlorobutadiene	225	5.975	5.969 (1.026)	682640	42.2106		84
111 Caprolactam	113	6.257	6.269 (1.075)	56736	7.66093		15
8 4-Chloro-3-methylphenol	107	6.375	6.381 (1.095)	941868	41.7820		84
34 2-Methylnaphthalene	142	6.534	6.534 (1.122)	2461457	43.9873		88
120 1-Methylnaphthalene	142	6.634	6.634 (1.139)	2271069	39.6019		79
35 Hexachlorocyclopentadiene	237	6.698	6.698 (0.885)	543326	35.2253		70
129 1,2,4,5-Tetrachlorobenzene	216	6.704	6.704 (0.886)	1089031	42.9245		86
9 2,4,6-Trichlorophenol	196	6.816	6.816 (0.901)	723838	45.5449		91
10 2,4,5-Trichlorophenol	196	6.851	6.851 (0.905)	739712	47.5804		95
\$ 77 2-Fluorobiphenyl (SUR)	172	6.898	6.898 (0.911)	2434832	43.8823		88
102 Diphenyl	154	6.998	6.998 (0.925)	2800614	45.5848		91
36 2-Chloronaphthalene	162	7.022	7.022 (0.928)	2165380	46.0965		92
103 Diphenyl Ether	170	7.104	7.098 (0.939)	1576784	46.1279		92
37 2-Nitroaniline	65	7.116	7.116 (0.940)	708175	47.9444		96
38 Dimethylphthalate	163	7.298	7.298 (0.964)	2150818	46.6635		93
40 2,6-Dinitrotoluene	165	7.357	7.357 (0.972)	500608	46.8539		94
39 Acenaphthylene	152	7.428	7.428 (0.981)	3228393	45.0397		90
41 3-Nitroaniline	138	7.522	7.522 (0.994)	493349	44.4469		89
* 82 Acenaphthene-d10	164	7.569	7.569 (1.000)	1573365	40.0000		
42 Acenaphthene	154	7.604	7.604 (1.005)	2058446	44.7412		89
11 2,4-Dinitrophenol	184	7.622	7.622 (1.007)	208599	36.9453		74
12 4-Nitrophenol	65	7.675	7.681 (1.014)	89318	13.2238	26(a)	
43 Dibenzofuran	168	7.775	7.775 (1.027)	2790971	45.5846		91
44 2,4-Dinitrotoluene	165	7.751	7.751 (1.024)	608983	47.5236		95
130 2,3,4,6-Tetrachlorophenol	232	7.892	7.892 (1.043)	496833	46.1797		92
45 Diethylphthalate	149	7.992	7.992 (1.056)	2003552	46.7733		94

Data File: /chem/BNAMS5.i/8270/09-16-12/17sep12.b/x30176.d
 Report Date: 18-Sep-2012 01:12

Compounds	QUANT SIG	CONCENTRATIONS						
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/L)
47 Fluorene		166	8.110	8.110 (1.071)		2258232	46.2320	92
46 4-Chlorophenyl-phenylether		204	8.104	8.104 (1.071)		1099723	46.2849	92
48 4-Nitroaniline		138	8.128	8.128 (1.074)		466278	48.2329	96
13 4,6-Dinitro-2-methylphenol		198	8.157	8.157 (0.903)		305638	43.8219	88
49 N-Nitrosodiphenylamine		169	8.222	8.222 (0.910)		1455912	46.5659	93
75 1,2-Diphenylhydrazine		77	8.263	8.263 (0.915)		2041862	38.9551	78
\$ 18 2,4,6-Tribromophenol (SUR)		330	8.345	8.345 (1.103)		341819	45.0720	90
50 4-Bromophenyl-phenylether		248	8.587	8.586 (0.950)		621029	45.6146	91
51 Hexachlorobenzene		284	8.663	8.663 (0.959)		650908	44.5698	89
112 Atrazine		200	8.745	8.745 (0.968)		417245	40.3628	81
14 Pentachlorophenol		266	8.845	8.845 (0.979)		366343	42.8276	86
115 n-Octadecane		57	8.922	8.916 (0.988)		1147255	43.1477	86
* 83 Phenanthrene-d10		188	9.034	9.033 (1.000)		1997330	40.0000	
52 Phenanthrene		178	9.057	9.057 (1.003)		2607386	45.5141	91
53 Anthracene		178	9.110	9.110 (1.008)		2597769	45.0664	90
54 Carbazole		167	9.263	9.257 (1.025)		2114321	46.9001	94
55 Di-n-butylphthalate		149	9.598	9.592 (1.062)		2671156	47.7062	95
56 Fluoranthene		202	10.228	10.227 (1.132)		2194224	47.3440	95
58 Benzidine		184	10.351	10.345 (1.146)		43406	5.09537	10
57 Pyrene		202	10.463	10.457 (0.884)		2134431	42.4666	85
\$ 78 Terphenyl-d14		244	10.610	10.610 (0.896)		1501656	42.1142	84
59 Butylbenzylphthalate		149	11.145	11.145 (0.941)		813033	46.9738	94
60 3,3'-Dichlorobenzidine		252	11.786	11.786 (0.996)		398003	47.4513	95
61 Benzo(a)anthracene		228	11.827	11.827 (0.999)		1409279	43.9828	88
* 81 Chrysene-d12		240	11.839	11.839 (1.000)		1067928	40.0000	
62 Chrysene		228	11.875	11.874 (1.003)		1374495	45.5142	91
63 bis(2-Ethylhexyl)phthalate		149	11.857	11.851 (1.001)		1102971	47.1113	94
64 Di-n-octylphthalate		149	12.727	12.727 (0.922)		1299949	43.0080	86
65 Benzo(b)fluoranthene		252	13.263	13.262 (0.961)		869346	41.3594	83
66 Benzo(k)fluoranthene		252	13.304	13.298 (0.964)		1112786	46.2183	92
67 Benzo(a)pyrene		252	13.716	13.715 (0.994)		760116	44.5168	89
* 84 Perylene-d12		264	13.798	13.792 (1.000)		724452	40.0000	
68 Indeno(1,2,3-cd)pyrene		276	15.386	15.386 (1.115)		578176	41.2443	82
69 Dibenz(a,h)anthracene		278	15.421	15.415 (1.118)		661664	43.9168	88
70 Benzo(g,h,i)perylene		276	15.839	15.833 (1.148)		683977	46.5785	93

QC Flag Legend

- a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
- R - Spike/Surrogate failed recovery limits.
- H - Operator selected an alternate compound hit.

Data File: x30176.d

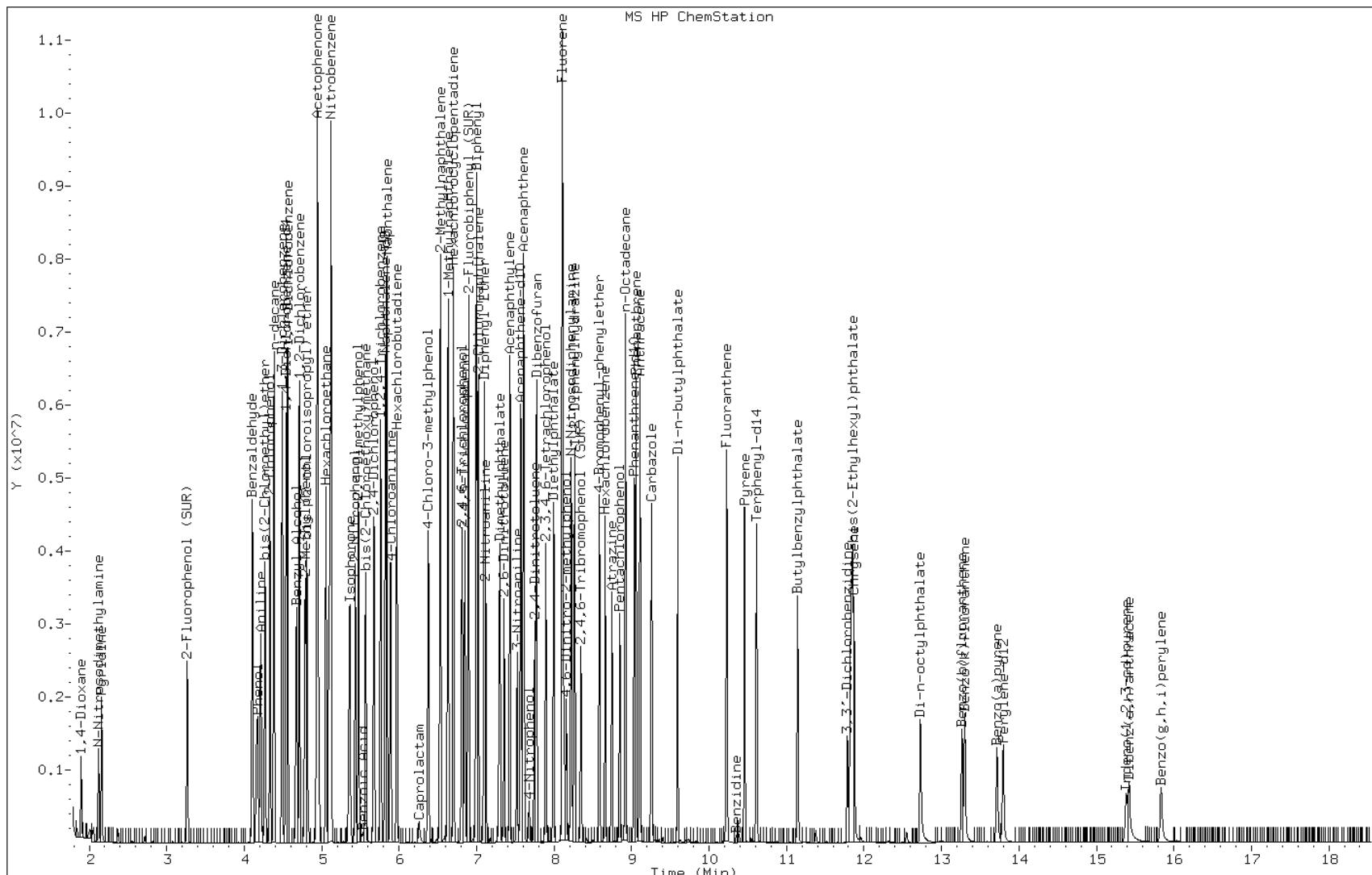
Date: 17-SEP-2012 13:42

Client ID:

Instrument: BNAMS5.i

Sample Info: LCS 460-127814/2-A

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Client Sample ID: _____

Lab Sample ID: LCSD 460-127814/3-A

Matrix: Water

Lab File ID: x30161.d

Analysis Method: 8270C

Date Collected: _____

Extract. Method: 3510C

Date Extracted: 09/14/2012 08:04

Sample wt/vol: 1000 (mL)

Date Analyzed: 09/17/2012 02:15

Con. Extract Vol.: 2 (mL)

Dilution Factor: 1

Injection Volume: 1 (uL)

Level: (low/med) Low

% Moisture: _____

GPC Cleanup: (Y/N) N

Analysis Batch No.: 128115

Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	32.1		10	0.81
95-57-8	2-Chlorophenol	90.4		10	2.2
95-48-7	2-Methylphenol	75.2		10	1.8
106-44-5	4-Methylphenol	64.4		10	1.6
100-52-7	Benzaldehyde	89.2		10	2.0
98-86-2	Acetophenone	93.1		10	2.7
111-44-4	Bis(2-chloroethyl)ether	90.9		1.0	0.28
108-60-1	2,2'-oxybis[1-chloropropane]	97.5		10	2.0
621-64-7	N-Nitrosodi-n-propylamine	94.2		1.0	0.25
98-95-3	Nitrobenzene	94.4		1.0	0.30
67-72-1	Hexachloroethane	93.6		1.0	0.25
78-59-1	Isophorone	90.8		10	2.7
88-75-5	2-Nitrophenol	96.4		10	2.4
105-67-9	2,4-Dimethylphenol	87.6		10	3.4
120-83-2	2,4-Dichlorophenol	96.3		10	2.6
111-91-1	Bis(2-chloroethoxy)methane	97.0		10	2.6
91-20-3	Naphthalene	94.5		10	2.7
106-47-8	4-Chloroaniline	78.1		10	2.0
87-68-3	Hexachlorobutadiene	90.9		2.0	0.57
105-60-2	Caprolactam	18.7		10	2.5
59-50-7	4-Chloro-3-methylphenol	89.0		10	2.5
91-57-6	2-Methylnaphthalene	92.6		10	3.0
118-74-1	Hexachlorobenzene	99.2		1.0	0.29
77-47-4	Hexachlorocyclopentadiene	84.2		10	1.7
88-06-2	2,4,6-Trichlorophenol	98.9		10	2.4
95-95-4	2,4,5-Trichlorophenol	102		10	2.6
92-52-4	Diphenyl	101		10	2.8
91-58-7	2-Chloronaphthalene	101		10	2.7
88-74-4	2-Nitroaniline	101		20	4.9
606-20-2	2,6-Dinitrotoluene	98.3		2.0	0.61
131-11-3	Dimethyl phthalate	97.9		10	2.8
208-96-8	Acenaphthylene	95.7		10	2.7
99-09-2	3-Nitroaniline	89.4		20	5.0
83-32-9	Acenaphthene	95.7		10	2.7

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCSD 460-127814/3-A

Matrix: Water Lab File ID: x30161.d

Analysis Method: 8270C Date Collected: _____

Extract. Method: 3510C Date Extracted: 09/14/2012 08:04

Sample wt/vol: 1000 (mL) Date Analyzed: 09/17/2012 02:15

Con. Extract Vol.: 2 (mL) Dilution Factor: 1

Injection Volume: 1 (uL) Level: (low/med) Low

% Moisture: _____ GPC Cleanup: (Y/N) N

Analysis Batch No.: 128115 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	31.3		30	6.7
51-28-5	2,4-Dinitrophenol	81.5		30	5.4
132-64-9	Dibenzofuran	97.4		10	2.8
84-66-2	Diethyl phthalate	95.5		10	2.9
86-73-7	Fluorene	97.4		10	2.8
206-44-0	Fluoranthene	94.9		10	3.2
84-74-2	Di-n-butyl phthalate	97.1		10	2.9
121-14-2	2,4-Dinitrotoluene	94.4		2.0	0.47
7005-72-3	4-Chlorophenyl phenyl ether	99.0		10	2.5
100-01-6	4-Nitroaniline	91.8		20	5.8
534-52-1	4,6-Dinitro-2-methylphenol	97.0		30	4.7
101-55-3	4-Bromophenyl phenyl ether	101		10	2.5
1912-24-9	Atrazine	82.2		10	3.0
120-12-7	Anthracene	97.3		10	2.8
86-74-8	Carbazole	99.0		10	3.2
85-01-8	Phenanthrene	98.8		10	3.1
87-86-5	Pentachlorophenol	97.4		30	5.3
129-00-0	Pyrene	93.7		10	2.9
218-01-9	Chrysene	98.4		10	3.1
207-08-9	Benzo[k]fluoranthene	98.1		1.0	0.26
191-24-2	Benzo[g,h,i]perylene	108		10	2.0
205-99-2	Benzo[b]fluoranthene	91.6		1.0	0.26
50-32-8	Benzo[a]pyrene	96.3		1.0	0.14
56-55-3	Benzo[a]anthracene	93.0		1.0	0.27
86-30-6	N-Nitrosodiphenylamine	105		10	2.9
85-68-7	Butyl benzyl phthalate	95.9		10	2.5
117-81-7	Bis(2-ethylhexyl) phthalate	94.5		10	2.0
117-84-0	Di-n-octyl phthalate	80.0		10	1.5
193-39-5	Indeno[1,2,3-cd]pyrene	84.9		1.0	0.15
53-70-3	Dibenz(a,h)anthracene	96.0		1.0	0.090
91-94-1	3,3'-Dichlorobenzidine	88.3		20	4.9
95-94-3	1,2,4,5-Tetrachlorobenzene	94.6		10	2.6
58-90-2	2,3,4,6-Tetrachlorophenol	96.4		10	2.5

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCSD 460-127814/3-A
Matrix: Water Lab File ID: x30161.d
Analysis Method: 8270C Date Collected: _____
Extract. Method: 3510C Date Extracted: 09/14/2012 08:04
Sample wt/vol: 1000 (mL) Date Analyzed: 09/17/2012 02:15
Con. Extract Vol.: 2 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) Level: (low/med) Low
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 128115 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	97		56-112
4165-62-2	Phenol-d5	31		10-48
1718-51-0	Terphenyl-d14	93		50-122
118-79-6	2,4,6-Tribromophenol	93		46-122
367-12-4	2-Fluorophenol	50		10-65
321-60-8	2-Fluorobiphenyl	97		53-108

Data File: /chem/BNAMS5.i/8270/09-16-12/16sep12a.b/x30161.d
Report Date: 17-Sep-2012 10:47

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/09-16-12/16sep12a.b/x30161.d
Lab Smp Id: LCSD 460-127814/3-A
Inj Date : 17-SEP-2012 02:15
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : LCSD 460-127814/3-A
Misc Info : LCSD 460-127814/3-A
Comment :
Method : /chem/BNAMS5.i/8270/09-16-12/16sep12a.b/8270C_11.m
Meth Date : 17-Sep-2012 08:33 croccom Quant Type: ISTD
Cal Date : 16-SEP-2012 14:54 Cal File: x30145.d
Als bottle: 19 QC Sample: BSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-h20.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)
106 1,4-Dioxane	88	1.878	1.860 (0.413)		361106	25.8769	52
19 N-Nitrosodimethylamine	74	2.107	2.096 (0.463)		515614	25.8264	52
71 Pyridine	79	2.143	2.131 (0.471)		490790	14.5628	29
\$ 16 2-Fluorophenol (SUR)	112	3.266	3.266 (0.718)		757204	25.1547	50
110 Benzaldehyde	77	4.113	4.107 (0.904)		607887	44.5779	89(R)
\$ 17 Phenol-d5 (SUR)	99	4.166	4.184 (0.916)		534030	15.2551	30
1 Phenol	94	4.184	4.195 (0.920)		609229	16.0380	32
73 Aniline	93	4.219	4.225 (0.928)		1036616	23.4549	47
20 bis(2-Chloroethyl)ether	93	4.278	4.284 (0.940)		1417294	45.4749	91
2 2-Chlorophenol	128	4.343	4.348 (0.955)		1446019	45.1940	90
113 n-decane	43	4.396	4.395 (0.966)		1320186	43.4116	87
21 1,3-Dichlorobenzene	146	4.496	4.501 (0.988)		1649821	46.4355	93
* 79 1,4-Dichlorobenzene-d4	152	4.548	4.554 (1.000)		856527	40.0000	
22 1,4-Dichlorobenzene	146	4.566	4.566 (1.004)		1667087	46.7912	94
74 Benzyl Alcohol	108	4.684	4.690 (1.030)		710188	35.9739	72

Data File: /chem/BNAMS5.i/8270/09-16-12/16sep12a.b/x30161.d
 Report Date: 17-Sep-2012 10:47

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)
23 1,2-Dichlorobenzene	146	4.725	4.725 (1.039)	1554975	46.6501	93	
3 2-Methylphenol	108	4.796	4.795 (1.054)	1021946	37.5882	75	
24 bis (2-chloroisopropyl) ether	45	4.819	4.819 (1.059)	1896488	48.7442	97	
4 4-Methylphenol	108	4.954	4.954 (1.089)	860726	32.1959	64	
123 3 & 4 Methylphenol	108	4.954	4.954 (1.089)	860726	32.1959	64	
104 Acetophenone	105	4.954	4.960 (1.089)	1660322	46.5274	93	
25 N-Nitroso-di-n-propylamine	70	4.960	4.966 (1.091)	893033	47.1120	94	
26 Hexachloroethane	117	5.060	5.060 (1.113)	610907	46.8188	94	
\$ 76 Nitrobenzene-d5 (SUR)	82	5.107	5.107 (0.876)	1348611	48.6571	97	
27 Nitrobenzene	77	5.131	5.131 (0.880)	1719458	47.1804	94	
107 N,N-Dimethylaniline	120	5.131	5.131 (1.128)	1737075	40.8428	82	
28 Isophorone	82	5.366	5.372 (0.920)	2150442	45.4239	91	
5 2-Nitrophenol	139	5.443	5.442 (0.933)	788921	48.1887	96	
6 2,4-Dimethylphenol	122	5.484	5.490 (0.940)	1125945	43.8165	88	
29 bis(2-Chloroethoxy)methane	93	5.578	5.578 (0.957)	1456145	48.5067	97	
15 Benzoic Acid	122	5.560	5.637 (0.954)	112823	7.60621	15(H)	
7 2,4-Dichlorophenol	162	5.684	5.689 (0.975)	1072887	48.1744	96	
30 1,2,4-Trichlorobenzene	180	5.772	5.772 (0.990)	1181476	47.2964	94	
* 80 Naphthalene-d8	136	5.831	5.831 (1.000)	3067521	40.0000		
31 Naphthalene	128	5.854	5.854 (1.004)	3874372	47.2529	94	
32 4-Chloroaniline	127	5.901	5.901 (1.012)	1205414	39.0704	78	
33 Hexachlorobutadiene	225	5.984	5.984 (1.026)	673465	45.4420	91	
111 Caprolactam	113	6.260	6.295 (1.074)	63588	9.36939	19	
8 4-Chloro-3-methylphenol	107	6.384	6.395 (1.095)	918792	44.4763	89	
34 2-Methylnaphthalene	142	6.543	6.542 (1.122)	2375160	46.3171	93	
120 1-Methylnaphthalene	142	6.642	6.642 (1.139)	2211506	42.0811	84	
35 Hexachlorocyclopentadiene	237	6.707	6.713 (0.884)	569664	42.0982	84	
129 1,2,4,5-Tetrachlorobenzene	216	6.713	6.719 (0.885)	1052376	47.2809	94	
9 2,4,6-Trichlorophenol	196	6.825	6.825 (0.900)	689265	49.4350	99	
10 2,4,5-Trichlorophenol	196	6.860	6.866 (0.905)	698174	51.1893	100	
\$ 77 2-Fluorobiphenyl (SUR)	172	6.907	6.913 (0.911)	2364332	48.5712	97	
102 Diphenyl	154	7.007	7.013 (0.924)	2708647	50.2539	100	
36 2-Chloronaphthalene	162	7.031	7.031 (0.927)	2074941	50.3489	100	
103 Diphenyl Ether	170	7.113	7.113 (0.938)	1515206	50.5259	100	
37 2-Nitroaniline	65	7.125	7.131 (0.940)	657170	50.7137	100	
38 Dimethylphthalate	163	7.307	7.313 (0.964)	1979970	48.9646	98	
40 2,6-Dinitrotoluene	165	7.366	7.372 (0.971)	460639	49.1427	98	
39 Acenaphthylene	152	7.442	7.442 (0.981)	3010385	47.8720	96	
41 3-Nitroaniline	138	7.531	7.536 (0.993)	435345	44.7066	89	
* 82 Acenaphthene-d10	164	7.584	7.583 (1.000)	1380318	40.0000		
42 Acenaphthene	154	7.613	7.619 (1.004)	1931557	47.8548	96	
11 2,4-Dinitrophenol	184	7.631	7.636 (1.006)	202753	40.7303	81	
12 4-Nitrophenol	65	7.684	7.695 (1.013)	92654	15.6362	31	
44 2,4-Dinitrotoluene	165	7.760	7.766 (1.023)	530452	47.1846	94	
43 Dibenzofuran	168	7.784	7.783 (1.026)	2616761	48.7166	97	
130 2,3,4,6-Tetrachlorophenol	232	7.901	7.907 (1.042)	454847	48.1899	96	
45 Diethylphthalate	149	8.001	8.007 (1.055)	1793890	47.7358	95	

Data File: /chem/BNAMS5.i/8270/09-16-12/16sep12a.b/x30161.d
 Report Date: 17-Sep-2012 10:47

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)
46 4-Chlorophenyl-phenylether	204	8.119	8.119	(1.071)	1032151	49.5164	99
47 Fluorene	166	8.119	8.125	(1.071)	2087510	48.7139	97
48 4-Nitroaniline	138	8.137	8.142	(1.073)	389363	45.9096	92
13 4,6-Dinitro-2-methylphenol	198	8.166	8.172	(0.903)	273007	48.5142	97
49 N-Nitrosodiphenylamine	169	8.231	8.236	(0.910)	1325286	52.5355	100
75 1,2-Diphenylhydrazine	77	8.272	8.278	(0.915)	1872547	44.2774	88
\$ 18 2,4,6-Tribromophenol (SUR)	330	8.354	8.360	(1.102)	309466	46.5130	93
50 4-Bromophenyl-phenylether	248	8.595	8.601	(0.951)	554678	50.4945	100
51 Hexachlorobenzene	284	8.672	8.678	(0.959)	584250	49.5828	99
112 Atrazine	200	8.754	8.760	(0.968)	343000	41.1240	82
14 Pentachlorophenol	266	8.854	8.860	(0.979)	336203	48.7134	97
115 n-Octadecane	57	8.931	8.936	(0.988)	1062012	49.5038	99
* 83 Phenanthrene-d10	188	9.042	9.048	(1.000)	1611531	40.0000	
52 Phenanthrene	178	9.066	9.072	(1.003)	2283525	49.4035	99
53 Anthracene	178	9.119	9.125	(1.008)	2262613	48.6490	97
54 Carbazole	167	9.266	9.272	(1.025)	1799776	49.4803	99
55 Di-n-butylphthalate	149	9.607	9.607	(1.062)	2193431	48.5524	97
56 Fluoranthene	202	10.236	10.242	(1.132)	1774533	47.4547	95
58 Benzidine	184	10.360	10.366	(1.146)	20539	2.98824	6.0(a)
57 Pyrene	202	10.472	10.477	(0.883)	1693775	46.8730	94
\$ 78 Terphenyl-d14	244	10.625	10.630	(0.896)	1189978	46.4194	93
59 Butylbenzylphthalate	149	11.160	11.166	(0.941)	596567	47.9411	96
60 3,3'-Dichlorobenzidine	252	11.801	11.807	(0.996)	266127	44.1319	88
61 Benzo(a)anthracene	228	11.842	11.848	(0.999)	1070701	46.4789	93
* 81 Chrysene-d12	240	11.854	11.860	(1.000)	7677786	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	11.872	11.877	(1.001)	795250	47.2462	94
62 Chrysene	228	11.889	11.895	(1.003)	1068646	49.2198	98
64 Di-n-octylphthalate	149	12.748	12.754	(0.923)	883207	40.0092	80
65 Benzo(b)fluoranthene	252	13.283	13.289	(0.962)	711160	45.8052	92
66 Benzo(k)fluoranthene	252	13.319	13.324	(0.964)	867567	49.0630	98
67 Benzo(a)pyrene	252	13.736	13.736	(0.994)	606511	48.1499	96
* 84 Perylene-d12	264	13.813	13.818	(1.000)	532060	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	15.412	15.418	(1.116)	437789	42.4455	85(M)
69 Dibenz(a,h)anthracene	278	15.448	15.454	(1.118)	533892	48.0019	96
70 Benzo(g,h,i)perylene	276	15.860	15.865	(1.148)	590247	54.1313	110

QC Flag Legend

- a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
- R - Spike/Surrogate failed recovery limits.
- M - Compound response manually integrated.
- H - Operator selected an alternate compound hit.

Data File: x30161.d

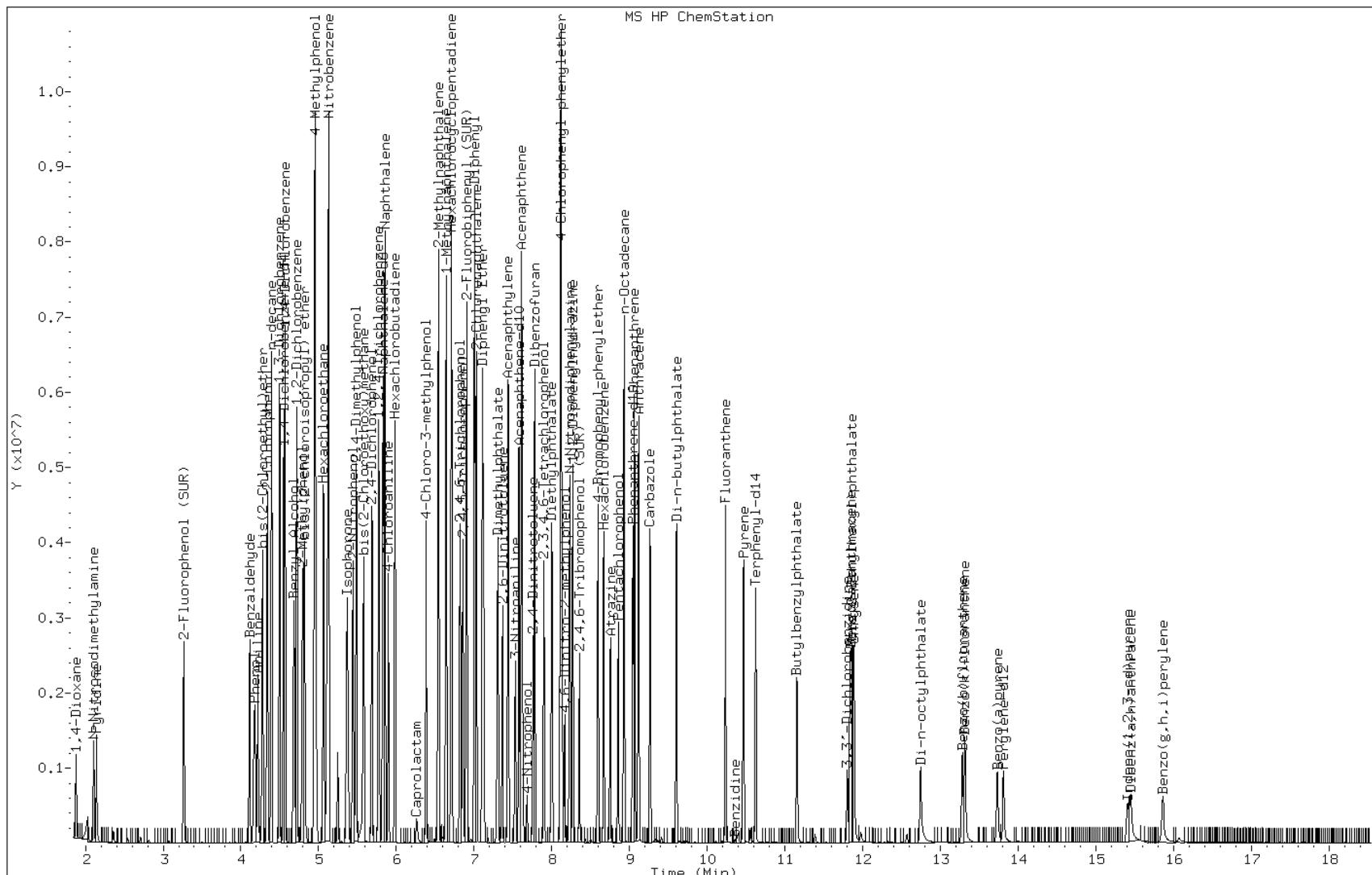
Date: 17-SEP-2012 02:15

Client ID:

Instrument: BNAMS5.i

Sample Info: LCSD 460-127814/3-A

Operator: BNAMS 4

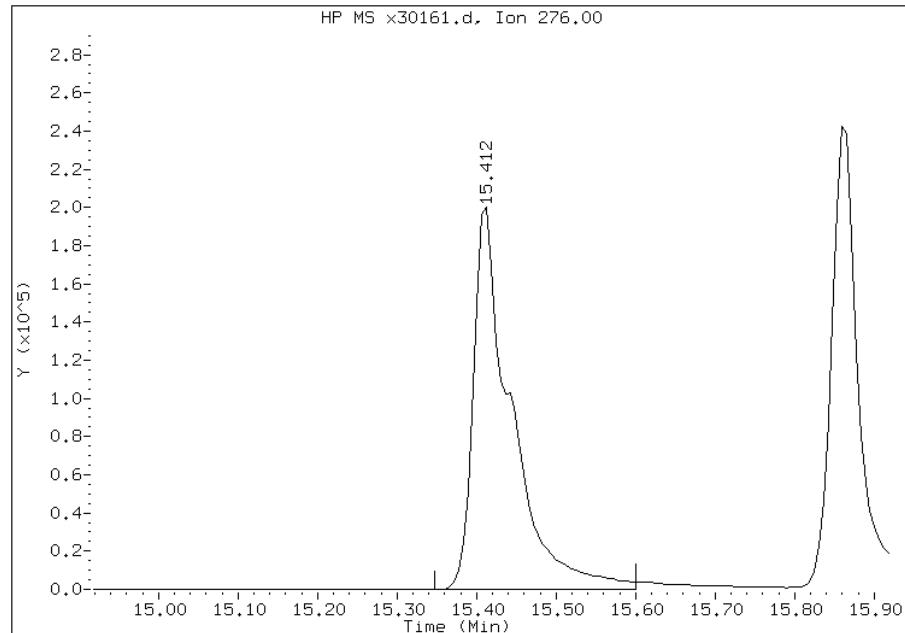


Manual Integration Report

Data File: x30161.d
Inj. Date and Time: 17-SEP-2012 02:15
Instrument ID: BNAMS5.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 09/17/2012

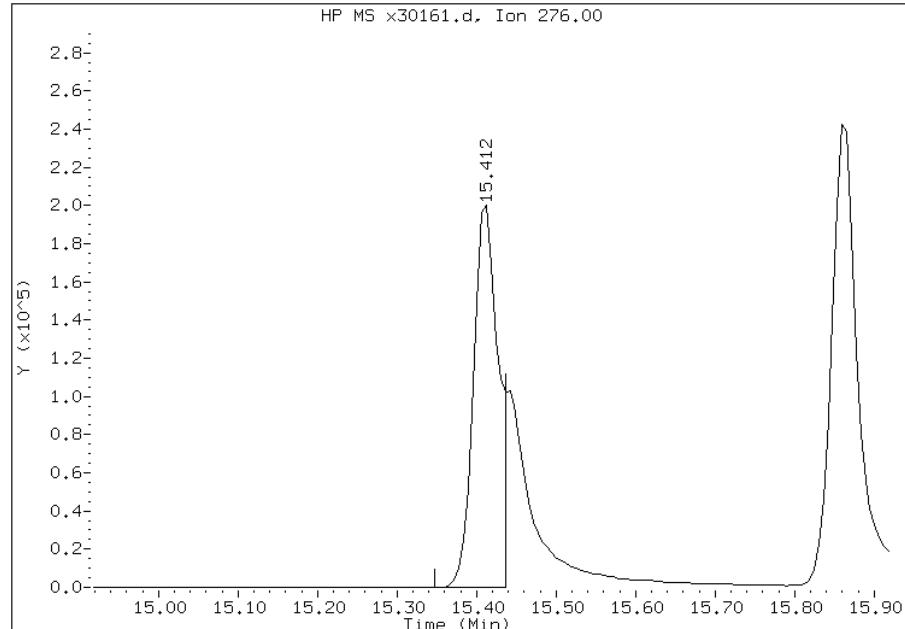
Processing Integration Results

RT: 15.41
Response: 665635
Amount: 63
Conc: 125



Manual Integration Results

RT: 15.41
Response: 437789
Amount: 42
Conc: 85



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: 460-44386-B-1-E MS

Matrix: Solid Lab File ID: u80447.d

Analysis Method: 8270C Date Collected: _____

Extract. Method: 3541 Date Extracted: 09/11/2012 12:56

Sample wt/vol: 15.00(g) Date Analyzed: 09/12/2012 05:13

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 9.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127512 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	7230		360	49
95-57-8	2-Chlorophenol	7190		360	48
95-48-7	2-Methylphenol	6950		360	62
106-44-5	4-Methylphenol	7230		360	72
100-52-7	Benzaldehyde	1300		360	43
98-86-2	Acetophenone	2920		360	56
111-44-4	Bis(2-chloroethyl)ether	2850		36	5.0
108-60-1	2,2'-oxybis[1-chloropropane]	3120		360	40
621-64-7	N-Nitrosodi-n-propylamine	3460		36	6.1
98-95-3	Nitrobenzene	2940		36	5.2
67-72-1	Hexachloroethane	2710		36	4.1
78-59-1	Isophorone	2930		360	44
88-75-5	2-Nitrophenol	6470		360	41
105-67-9	2,4-Dimethylphenol	7390		360	90
120-83-2	2,4-Dichlorophenol	6990		360	53
111-91-1	Bis(2-chloroethoxy)methane	3220		360	47
91-20-3	Naphthalene	3100		360	42
106-47-8	4-Chloroaniline	2620		360	96
87-68-3	Hexachlorobutadiene	2750		74	8.9
105-60-2	Caprolactam	2870		360	84
59-50-7	4-Chloro-3-methylphenol	7820		360	55
91-57-6	2-Methylnaphthalene	3070		360	47
118-74-1	Hexachlorobenzene	3090		36	5.0
77-47-4	Hexachlorocyclopentadiene	1840		360	43
88-06-2	2,4,6-Trichlorophenol	6440		360	43
95-95-4	2,4,5-Trichlorophenol	6780		360	47
92-52-4	Diphenyl	3020		360	49
91-58-7	2-Chloronaphthalene	3060		360	41
88-74-4	2-Nitroaniline	3610		740	150
606-20-2	2,6-Dinitrotoluene	3700		74	11
131-11-3	Dimethyl phthalate	3490		360	43
208-96-8	Acenaphthylene	3110		360	43
99-09-2	3-Nitroaniline	2690		740	130
83-32-9	Acenaphthene	3230		360	53

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: 460-44386-B-1-E MS

Matrix: Solid Lab File ID: u80447.d

Analysis Method: 8270C Date Collected: _____

Extract. Method: 3541 Date Extracted: 09/11/2012 12:56

Sample wt/vol: 15.00(g) Date Analyzed: 09/12/2012 05:13

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 9.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127512 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	7360		1100	230
51-28-5	2,4-Dinitrophenol	5000		1100	210
132-64-9	Dibenzofuran	3430		360	43
84-66-2	Diethyl phthalate	3690		360	43
86-73-7	Fluorene	3620		360	47
206-44-0	Fluoranthene	3600		360	49
84-74-2	Di-n-butyl phthalate	3570		360	45
121-14-2	2,4-Dinitrotoluene	3590		74	12
7005-72-3	4-Chlorophenyl phenyl ether	3380		360	43
100-01-6	4-Nitroaniline	2990		740	110
534-52-1	4,6-Dinitro-2-methylphenol	6050		1100	99
101-55-3	4-Bromophenyl phenyl ether	3160		360	36
1912-24-9	Atrazine	2260		360	56
120-12-7	Anthracene	3540		360	44
86-74-8	Carbazole	3560		360	43
85-01-8	Phenanthrene	3560		360	46
87-86-5	Pentachlorophenol	4480		1100	110
129-00-0	Pyrene	3840		360	31
218-01-9	Chrysene	3560		360	43
207-08-9	Benzo[k]fluoranthene	3780		36	2.8
191-24-2	Benzo[g,h,i]perylene	3590		360	27
205-99-2	Benzo[b]fluoranthene	3350		36	2.3
50-32-8	Benzo[a]pyrene	3470		36	2.6
56-55-3	Benzo[a]anthracene	3300		36	2.5
86-30-6	N-Nitrosodiphenylamine	3630		360	36
85-68-7	Butyl benzyl phthalate	3750		360	33
117-81-7	Bis(2-ethylhexyl) phthalate	3620		360	120
117-84-0	Di-n-octyl phthalate	4110		360	23
193-39-5	Indeno[1,2,3-cd]pyrene	3300		36	6.8
53-70-3	Dibenz(a,h)anthracene	3370		36	4.6
91-94-1	3,3'-Dichlorobenzidine	2140		740	130
95-94-3	1,2,4,5-Tetrachlorobenzene	2630		360	49
58-90-2	2,3,4,6-Tetrachlorophenol	3360		360	47

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: 460-44386-B-1-E MS
Matrix: Solid Lab File ID: u80447.d
Analysis Method: 8270C Date Collected: _____
Extract. Method: 3541 Date Extracted: 09/11/2012 12:56
Sample wt/vol: 15.00(g) Date Analyzed: 09/12/2012 05:13
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: 1(uL) Level: (low/med) Low
% Moisture: 9.2 GPC Cleanup:(Y/N) N
Analysis Batch No.: 127512 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	82		38-105
4165-62-2	Phenol-d5	99		41-118
1718-51-0	Terphenyl-d14	103		16-151
118-79-6	2,4,6-Tribromophenol	93		10-120
367-12-4	2-Fluorophenol	91		37-125
321-60-8	2-Fluorobiphenyl	76		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: 460-44386-B-1-F MSD

Matrix: Solid Lab File ID: u80448.d

Analysis Method: 8270C Date Collected: _____

Extract. Method: 3541 Date Extracted: 09/11/2012 12:56

Sample wt/vol: 14.99(g) Date Analyzed: 09/12/2012 05:33

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 9.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127512 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	7050		360	49
95-57-8	2-Chlorophenol	6940		360	48
95-48-7	2-Methylphenol	6890		360	62
106-44-5	4-Methylphenol	7080		360	72
100-52-7	Benzaldehyde	1300		360	43
98-86-2	Acetophenone	2830		360	56
111-44-4	Bis(2-chloroethyl)ether	2710		36	5.0
108-60-1	2,2'-oxybis[1-chloropropane]	3070		360	40
621-64-7	N-Nitrosodi-n-propylamine	3380		36	6.1
98-95-3	Nitrobenzene	2840		36	5.2
67-72-1	Hexachloroethane	2660		36	4.1
78-59-1	Isophorone	2950		360	44
88-75-5	2-Nitrophenol	6700		360	41
105-67-9	2,4-Dimethylphenol	7310		360	90
120-83-2	2,4-Dichlorophenol	6830		360	53
111-91-1	Bis(2-chloroethoxy)methane	3280		360	47
91-20-3	Naphthalene	3140		360	42
106-47-8	4-Chloroaniline	2620		360	97
87-68-3	Hexachlorobutadiene	2990		74	8.9
105-60-2	Caprolactam	3050		360	84
59-50-7	4-Chloro-3-methylphenol	7940		360	55
91-57-6	2-Methylnaphthalene	3480		360	47
118-74-1	Hexachlorobenzene	3150		36	5.0
77-47-4	Hexachlorocyclopentadiene	1910		360	43
88-06-2	2,4,6-Trichlorophenol	6500		360	43
95-95-4	2,4,5-Trichlorophenol	6810		360	47
92-52-4	Diphenyl	3090		360	49
91-58-7	2-Chloronaphthalene	2930		360	41
88-74-4	2-Nitroaniline	3320		740	150
606-20-2	2,6-Dinitrotoluene	3560		74	11
131-11-3	Dimethyl phthalate	3510		360	43
208-96-8	Acenaphthylene	3210		360	43
99-09-2	3-Nitroaniline	2810		740	130
83-32-9	Acenaphthene	3240		360	53

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: 460-44386-B-1-F MSD

Matrix: Solid Lab File ID: u80448.d

Analysis Method: 8270C Date Collected: _____

Extract. Method: 3541 Date Extracted: 09/11/2012 12:56

Sample wt/vol: 14.99(g) Date Analyzed: 09/12/2012 05:33

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 9.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 127512 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	6900		1100	230
51-28-5	2,4-Dinitrophenol	4130		1100	210
132-64-9	Dibenzofuran	3510		360	43
84-66-2	Diethyl phthalate	3600		360	43
86-73-7	Fluorene	3490		360	47
206-44-0	Fluoranthene	3350		360	49
84-74-2	Di-n-butyl phthalate	3470		360	45
121-14-2	2,4-Dinitrotoluene	3630		74	12
7005-72-3	4-Chlorophenyl phenyl ether	3600		360	43
100-01-6	4-Nitroaniline	3020		740	110
534-52-1	4,6-Dinitro-2-methylphenol	5610		1100	99
101-55-3	4-Bromophenyl phenyl ether	3120		360	36
1912-24-9	Atrazine	2080		360	56
120-12-7	Anthracene	3490		360	44
86-74-8	Carbazole	3480		360	43
85-01-8	Phenanthrene	3480		360	46
87-86-5	Pentachlorophenol	4310		1100	110
129-00-0	Pyrene	3580		360	31
218-01-9	Chrysene	3450		360	43
207-08-9	Benzo[k]fluoranthene	3670		36	2.8
191-24-2	Benzo[g,h,i]perylene	3300		360	27
205-99-2	Benzo[b]fluoranthene	3170		36	2.3
50-32-8	Benzo[a]pyrene	3360		36	2.6
56-55-3	Benzo[a]anthracene	3260		36	2.5
86-30-6	N-Nitrosodiphenylamine	3400		360	36
85-68-7	Butyl benzyl phthalate	3420		360	33
117-81-7	Bis(2-ethylhexyl) phthalate	3730		360	120
117-84-0	Di-n-octyl phthalate	3680		360	23
193-39-5	Indeno[1,2,3-cd]pyrene	3130		36	6.8
53-70-3	Dibenz(a,h)anthracene	3180		36	4.6
91-94-1	3,3'-Dichlorobenzidine	2060		740	130
95-94-3	1,2,4,5-Tetrachlorobenzene	2600		360	49
58-90-2	2,3,4,6-Tetrachlorophenol	3420		360	47

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: 460-44386-B-1-F MSD
Matrix: Solid Lab File ID: u80448.d
Analysis Method: 8270C Date Collected: _____
Extract. Method: 3541 Date Extracted: 09/11/2012 12:56
Sample wt/vol: 14.99(g) Date Analyzed: 09/12/2012 05:33
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: 1(uL) Level: (low/med) Low
% Moisture: 9.2 GPC Cleanup:(Y/N) N
Analysis Batch No.: 127512 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	83		38-105
4165-62-2	Phenol-d5	94		41-118
1718-51-0	Terphenyl-d14	98		16-151
118-79-6	2,4,6-Tribromophenol	94		10-120
367-12-4	2-Fluorophenol	90		37-125
321-60-8	2-Fluorobiphenyl	79		40-109

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44405-1

SDG No.: _____

Instrument ID: BNAMS4 Start Date: 09/07/2012 16:08Analysis Batch Number: 127157 End Date: 09/07/2012 18:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-127157/1		09/07/2012 16:08	1	u80336.d	Rtx-5MS 0.25 (mm)
ICIS 460-127157/2		09/07/2012 16:24	1	u80337.d	Rtx-5MS 0.25 (mm)
IC 460-127157/3		09/07/2012 16:43	1	u80338.d	Rtx-5MS 0.25 (mm)
IC 460-127157/4		09/07/2012 17:03	1	u80339.d	Rtx-5MS 0.25 (mm)
IC 460-127157/5		09/07/2012 17:23	1	u80340.d	Rtx-5MS 0.25 (mm)
IC 460-127157/6		09/07/2012 17:43	1	u80341.d	Rtx-5MS 0.25 (mm)
IC 460-127157/7		09/07/2012 18:03	1	u80342.d	Rtx-5MS 0.25 (mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Instrument ID: BNAMS4 Start Date: 09/12/2012 00:41
Analysis Batch Number: 127512 End Date: 09/12/2012 10:31

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-127512/1		09/12/2012 00:41	1	u80436.d	Rtx-5MS 0.25 (mm)
CCVIS 460-127512/2		09/12/2012 01:21	1	u80437.d	Rtx-5MS 0.25 (mm)
LCS 460-127373/2-A		09/12/2012 02:01	1	u80438.d	Rtx-5MS 0.25 (mm)
MB 460-127373/1-A		09/12/2012 02:21	1	u80439.d	Rtx-5MS 0.25 (mm)
ZZZZZ		09/12/2012 02:52	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/12/2012 03:13	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/12/2012 03:33	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/12/2012 03:53	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/12/2012 04:13	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/12/2012 04:53	1		Rtx-5MS 0.25 (mm)
460-44386-B-1-E MS		09/12/2012 05:13	1	u80447.d	Rtx-5MS 0.25 (mm)
460-44386-B-1-F MSD		09/12/2012 05:33	1	u80448.d	Rtx-5MS 0.25 (mm)
ZZZZZ		09/12/2012 05:53	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/12/2012 06:14	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/12/2012 06:34	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/12/2012 08:43	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/12/2012 09:31	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/12/2012 09:51	2		Rtx-5MS 0.25 (mm)
460-44405-1 DL	201209105B-365VO-2N DL	09/12/2012 10:11	10	u80461.d	Rtx-5MS 0.25 (mm)
ZZZZZ		09/12/2012 10:31	1		Rtx-5MS 0.25 (mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44405-1

SDG No.: _____

Instrument ID: BNAMS5 Start Date: 09/16/2012 13:48Analysis Batch Number: 128111 End Date: 09/16/2012 16:34

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-128111/1		09/16/2012 13:48	1	x30143.d	Rtx-5MS 0.25 (mm)
ICIS 460-128111/2		09/16/2012 14:29	1	x30144.d	Rtx-5MS 0.25 (mm)
IC 460-128111/3		09/16/2012 14:54	1	x30145.d	Rtx-5MS 0.25 (mm)
IC 460-128111/4		09/16/2012 15:19	1	x30146.d	Rtx-5MS 0.25 (mm)
IC 460-128111/5		09/16/2012 15:44	1	x30147.d	Rtx-5MS 0.25 (mm)
IC 460-128111/6		09/16/2012 16:09	1	x30148.d	Rtx-5MS 0.25 (mm)
IC 460-128111/7		09/16/2012 16:34	1	x30149.d	Rtx-5MS 0.25 (mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44405-1

SDG No.: _____

Instrument ID: BNAMS5 Start Date: 09/16/2012 21:50Analysis Batch Number: 128115 End Date: 09/17/2012 03:05

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-128115/1		09/16/2012 21:50	1	x30151.d	Rtx-5MS 0.25 (mm)
CCVIS 460-128115/2		09/16/2012 22:10	1	x30152.d	Rtx-5MS 0.25 (mm)
ZZZZZ		09/16/2012 22:56	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/16/2012 23:20	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/16/2012 23:45	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/17/2012 00:10	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/17/2012 00:35	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/17/2012 01:01	1		Rtx-5MS 0.25 (mm)
MB 460-127814/1-A		09/17/2012 01:25	1	x30159.d	Rtx-5MS 0.25 (mm)
LCSD 460-127814/3-A		09/17/2012 02:15	1	x30161.d	Rtx-5MS 0.25 (mm)
460-44405-2	20120910EB	09/17/2012 02:40	1	x30162.d	Rtx-5MS 0.25 (mm)
ZZZZZ		09/17/2012 03:05	1		Rtx-5MS 0.25 (mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Instrument ID: BNAMS5 Start Date: 09/17/2012 08:55
Analysis Batch Number: 128299 End Date: 09/17/2012 20:21

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-128299/1		09/17/2012 08:55	1	x30165.d	Rtx-5MS 0.25 (mm)
CCVIS 460-128299/2		09/17/2012 09:10	1	x30166.d	Rtx-5MS 0.25 (mm)
ZZZZZ		09/17/2012 10:15	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/17/2012 10:40	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/17/2012 11:05	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/17/2012 11:29	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/17/2012 11:54	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/17/2012 12:19	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/17/2012 13:11	1		Rtx-5MS 0.25 (mm)
LCS 460-127814/2-A		09/17/2012 13:42	1	x30176.d	Rtx-5MS 0.25 (mm)
ZZZZZ		09/17/2012 14:07	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/17/2012 14:32	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/17/2012 14:57	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/17/2012 15:22	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/17/2012 15:47	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/17/2012 16:12	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/17/2012 16:37	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/17/2012 17:02	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/17/2012 17:27	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/17/2012 17:52	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/17/2012 18:17	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/17/2012 18:42	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/17/2012 19:07	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/17/2012 19:32	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/17/2012 19:57	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/17/2012 20:21	1		Rtx-5MS 0.25 (mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.:

Batch Number: 127373

Batch Start Date: 09/11/12 12:56

Batch Analyst: Masongo, Charles

Batch Method: 3541

Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPosition	OP8270SoilsUR 00008	OP8270sp 00027	
MB 460-127373/1		3541, 8270C		15.01 g	1 mL	73	500 uL		
LCS 460-127373/2		3541, 8270C		15.01 g	1 mL	74	500 uL	0.5 mL	
460-44386-B-1 MS		3541, 8270C	T	15.00 g	1 mL	75	500 uL	0.5 mL	
460-44386-B-1 MSD		3541, 8270C	T	14.99 g	1 mL	76	500 uL	0.5 mL	
460-44405-E-1 -2N	201209105B-365VO	3541, 8270C	T	15.00 g	1 mL	120	500 uL		

Batch Notes

Balance ID	28
Batch Comment	BNA 8270C SOIL
Blank Soil Lot Number	135309
Person's name who did the concentration	CM
Vendor lot number	L15E06
Na2SO4 Lot Number	135309
Person's name who did the prep	CM
Person's name who witnessed reagent drop	ME
Solvent	Acetone/MeCl2 mixture
SOP Number	3541
Soxtherm Temperature	150
First Start time	12:56

Basis	Basis Description
T	Total/NA

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.:

Batch Number: 127814

Batch Start Date: 09/14/12 08:03

Batch Analyst: Wu, Huachi

Batch Method: 3510C

Batch End Date: 09/14/12 19:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	FirstAdjustpH	SecondAdjustpH	OP625/82SP 00035	OP625/82SU 00032
MB 460-127814/1		3510C, 8270C		1000 mL	2 mL	<2	>12		1000 uL
LCS 460-127814/2		3510C, 8270C		1000 mL	2 mL	<2	>12	1 mL	1000 uL
LCSD 460-127814/3		3510C, 8270C		1000 mL	2 mL	<2	>12	1 mL	1000 uL
460-44405-F-2	20120910EB	3510C, 8270C	T	980 mL	2 mL	<2	>12		1000 uL

Batch Notes

Acid used for pH adjustment	Sulfuric
Acid used for pH adjust Lot #	k20042
Base used for pH adjustment	NAOH
Base used for pH adjust Lot #	OP325
Batch Comment	8270 WATER
Person's name who did the concentration	Wuh
Final Concentrator Volume	2 mL
N-evap #	213204
N-evap temperature	25 Celsius
Prep Solvent Lot #	L05S04
Prep Solvent Name	MeCL2
Prep Solvent Volume Used	360 ml
Person's name who did the prep	Wuh
Person's name who witnessed reagent drop	HCP

Basis	Basis Description
T	Total/NA

Method 8081A

**Organochlorine Pesticides (GC) by
Method 8081A**

FORM II
PESTICIDES SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Matrix: Solid Level: Low
GC Column (1): CLP-1 ID: 0.53 (mm) GC Column (2): CLP-2 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	TCX1 #	TCX2 #	DCB1 #	DCB2 #
201209105B-365VO-2 N	460-44405-1	66	75	427 X	168 p X
	MB 460-127454/1-A	85	94	98	96
	LCS 460-127454/2-A	92	95	100	95
	450-6512-A-6-D MS	103	97	95	117
	450-6512-A-6-E MSD	112	101	101	121

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

QC LIMITS
40-150
53-150

Column to be used to flag recovery values

FORM II 8081A

FORM II
PESTICIDES SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44405-1

SDG No.: _____

Matrix: Water Level: Low

GC Column (1): CLP-1 ID: 0.53 (mm) GC Column (2): CLP-2 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	TCX1 #	TCX2 #	DCB1 #	DCB2 #
20120910EB	460-44405-2	85	105	57	62
	MB 460-127381/1-A	83	108	92	100
	LCS 460-127381/2-A	107	103	86	87
	LCSD 460-127381/3-A	106	108	86	87

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

QC LIMITS
49-132
37-144

Column to be used to flag recovery values

FORM II 8081A

FORM III
PESTICIDES LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44405-1

SDG No.: _____

Matrix: Water Level: Low Lab File ID: xf138656.d

Lab ID: LCS 460-127381/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Aldrin	2.00	1.84	92	61-122	
alpha-BHC	2.00	1.80	90	63-122	
beta-BHC	2.00	1.77	89	64-119	
delta-BHC	2.00	1.79	89	62-124	
gamma-BHC (Lindane)	2.00	1.79	89	59-121	
4,4'-DDD	2.00	2.01	100	68-136	
4,4'-DDE	2.00	1.89	94	66-132	
4,4'-DDT	2.00	1.58	79	66-132	
Dieldrin	2.00	1.67	84	62-112	
Endosulfan I	2.00	1.82	91	64-123	
Endosulfan II	2.00	1.77	88	63-116	
Endosulfan sulfate	2.00	1.66	83	56-121	
Endrin	2.00	1.69	84	42-138	
Endrin aldehyde	2.00	1.77	89	56-119	
Endrin ketone	2.00	1.86	93	62-125	
Heptachlor	2.00	1.76	88	61-118	
Heptachlor epoxide	2.00	1.79	90	64-120	
Methoxychlor	2.00	1.68	84	56-125	

Column to be used to flag recovery and RPD values

FORM III 8081A

FORM III
PESTICIDES LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44405-1

SDG No.: _____

Matrix: Water Level: Low Lab File ID: xr138656.d

Lab ID: LCS 460-127381/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Aldrin	2.00	1.69	85	61-122	
alpha-BHC	2.00	1.59	79	63-122	
beta-BHC	2.00	1.59	79	64-119	
delta-BHC	2.00	1.57	79	62-124	
gamma-BHC (Lindane)	2.00	1.56	78	59-121	
4,4'-DDD	2.00	1.90	95	68-136	
4,4'-DDE	2.00	1.78	89	66-132	
4,4'-DDT	2.00	1.53	76	66-132	
Dieldrin	2.00	1.59	80	62-112	
Endosulfan I	2.00	1.67	83	64-123	
Endosulfan II	2.00	1.63	82	63-116	
Endosulfan sulfate	2.00	1.57	78	56-121	
Endrin	2.00	1.59	80	42-138	
Endrin aldehyde	2.00	1.70	85	56-119	
Endrin ketone	2.00	1.67	83	62-125	
Heptachlor	2.00	1.62	81	61-118	
Heptachlor epoxide	2.00	1.66	83	64-120	
Methoxychlor	2.00	1.55	77	56-125	

Column to be used to flag recovery and RPD values

FORM III 8081A

FORM III
PESTICIDES LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: WF706755.D
Lab ID: LCS 460-127454/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aldrin	133	123	92	58-143	
alpha-BHC	133	119	89	58-138	
beta-BHC	133	122	91	60-139	
delta-BHC	133	114	85	60-141	
gamma-BHC (Lindane)	133	118	89	58-136	
4,4'-DDD	133	131	99	63-150	
4,4'-DDE	133	128	96	58-150	
4,4'-DDT	133	130	97	57-150	
Dieldrin	133	113	85	55-128	
Endosulfan I	133	123	93	60-138	
Endosulfan II	133	126	95	59-133	
Endosulfan sulfate	133	111	83	56-133	
Endrin	133	123	92	61-150	
Endrin aldehyde	133	118	88	55-122	
Endrin ketone	133	114	85	62-139	
Heptachlor	133	131	98	58-137	
Heptachlor epoxide	133	119	89	59-136	
Methoxychlor	133	153	115	42-150	

Column to be used to flag recovery and RPD values

FORM III 8081A

FORM III
PESTICIDES LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: WR706755.D
Lab ID: LCS 460-127454/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aldrin	133	123	92	58-143	
alpha-BHC	133	114	85	58-138	
beta-BHC	133	120	90	60-139	
delta-BHC	133	117	88	60-141	
gamma-BHC (Lindane)	133	116	87	58-136	
4,4'-DDD	133	114	85	63-150	
4,4'-DDE	133	101	76	58-150	
4,4'-DDT	133	124	93	57-150	
Dieldrin	133	110	83	55-128	
Endosulfan I	133	139	104	60-138	
Endosulfan II	133	123	92	59-133	
Endosulfan sulfate	133	116	87	56-133	
Endrin	133	122	92	61-150	
Endrin aldehyde	133	121	91	55-122	
Endrin ketone	133	116	87	62-139	
Heptachlor	133	123	92	58-137	
Heptachlor epoxide	133	120	90	59-136	
Methoxychlor	133	131	98	42-150	

Column to be used to flag recovery and RPD values

FORM III 8081A

FORM III
PESTICIDES LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: xf138657.d
Lab ID: LCSD 460-127381/3-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Aldrin	2.00	2.04	102	10	30	61-122	
alpha-BHC	2.00	2.01	101	11	30	63-122	
beta-BHC	2.00	1.98	99	11	30	64-119	
delta-BHC	2.00	2.03	101	13	30	62-124	
gamma-BHC (Lindane)	2.00	2.01	101	12	30	59-121	
4,4'-DDD	2.00	2.22	111	10	30	68-136	
4,4'-DDE	2.00	2.09	105	10	30	66-132	
4,4'-DDT	2.00	1.76	88	11	30	66-132	
Dieldrin	2.00	1.88	94	12	30	62-112	
Endosulfan I	2.00	2.03	101	11	30	64-123	
Endosulfan II	2.00	1.97	98	11	30	63-116	
Endosulfan sulfate	2.00	1.91	95	14	30	56-121	
Endrin	2.00	1.82	91	8	30	42-138	
Endrin aldehyde	2.00	2.01	100	12	30	56-119	
Endrin ketone	2.00	2.07	104	11	30	62-125	
Heptachlor	2.00	1.95	98	10	30	61-118	
Heptachlor epoxide	2.00	1.99	99	11	30	64-120	
Methoxychlor	2.00	1.87	94	11	30	56-125	

Column to be used to flag recovery and RPD values

FORM III 8081A

FORM III
PESTICIDES LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: xr138657.d
Lab ID: LCSD 460-127381/3-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Aldrin	2.00	1.77	89	5	30	61-122	
alpha-BHC	2.00	1.71	85	7	30	63-122	
beta-BHC	2.00	1.74	87	9	30	64-119	
delta-BHC	2.00	1.70	85	8	30	62-124	
gamma-BHC (Lindane)	2.00	1.67	83	7	30	59-121	
4,4'-DDD	2.00	2.00	100	5	30	68-136	
4,4'-DDE	2.00	1.86	93	4	30	66-132	
4,4'-DDT	2.00	1.63	81	6	30	66-132	
Dieldrin	2.00	1.68	84	5	30	62-112	
Endosulfan I	2.00	1.77	89	6	30	64-123	
Endosulfan II	2.00	1.73	86	6	30	63-116	
Endosulfan sulfate	2.00	1.69	85	8	30	56-121	
Endrin	2.00	1.64	82	3	30	42-138	
Endrin aldehyde	2.00	1.84	92	8	30	56-119	
Endrin ketone	2.00	1.82	91	9	30	62-125	
Heptachlor	2.00	1.70	85	5	30	61-118	
Heptachlor epoxide	2.00	1.74	87	5	30	64-120	
Methoxychlor	2.00	1.65	82	6	30	56-125	

Column to be used to flag recovery and RPD values

FORM III 8081A

FORM III
PESTICIDES MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Matrix: Solid Level: Low Lab File ID: WF706756.D

Lab ID: 450-6512-A-6-D MS Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aldrin	161	1.8 U	162	100	58-143	
alpha-BHC	161	1.5 U	151	93	58-138	
beta-BHC	161	1.1 U	157	97	60-139	
delta-BHC	161	1.2 U	158	98	60-141	
gamma-BHC (Lindane)	161	0.94 U	152	95	58-136	
4,4'-DDD	161	0.97 U	196	122	63-150	
4,4'-DDE	161	1.6 U	188	117	58-150	
4,4'-DDT	161	1.0 U	189	117	57-150	
Dieldrin	161	4.2 J	150	90	55-128	
Endosulfan I	161	1.7 U	164	102	60-138	
Endosulfan II	161	1.2 U	160	99	59-133	
Endosulfan sulfate	161	1.0 U	162	101	56-133	
Endrin	161	1.1 U	182	113	61-150	
Endrin aldehyde	161	2.0 U	154	96	55-122	
Endrin ketone	161	1.2 U	168	104	62-139	
Heptachlor	161	1.2 U	173	108	58-137	
Heptachlor epoxide	161	1.6 U	163	102	59-136	
Methoxychlor	161	0.91 U	221	137	42-150	

Column to be used to flag recovery and RPD values

FORM III 8081A

FORM III
PESTICIDES MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Matrix: Solid Level: Low Lab File ID: WR706756.D

Lab ID: 450-6512-A-6-D MS Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aldrin	161	1.8 U	168	105	58-143	
alpha-BHC	161	1.5 U	149	93	58-138	
beta-BHC	161	1.1 U	163	101	60-139	
delta-BHC	161	1.2 U	161	100	60-141	
gamma-BHC (Lindane)	161	0.94 U	158	98	58-136	
4,4'-DDD	161	0.97 U	193	120	63-150	
4,4'-DDE	161	1.6 U	218	135	58-150	
4,4'-DDT	161	1.0 U	174	108	57-150	
Dieldrin	161	5.7 J	165	99	55-128	
Endosulfan I	161	1.7 U	170	106	60-138	
Endosulfan II	161	1.2 U	161	100	59-133	
Endosulfan sulfate	161	1.0 U	164	102	56-133	
Endrin	161	1.1 U	186	116	61-150	
Endrin aldehyde	161	2.0 U	154	96	55-122	
Endrin ketone	161	1.2 U	167	104	62-139	
Heptachlor	161	1.2 U	170	106	58-137	
Heptachlor epoxide	161	1.6 U	170	106	59-136	
Methoxychlor	161	0.91 U	187	116	42-150	

Column to be used to flag recovery and RPD values

FORM III 8081A

FORM III
PESTICIDES MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Matrix: Solid Level: Low Lab File ID: WF706757.D

Lab ID: 450-6512-A-6-E MSD Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Aldrin	161	163	101	NC	30	58-143	
alpha-BHC	161	149	93	NC	30	58-138	
beta-BHC	161	157	98	NC	30	60-139	
delta-BHC	161	158	98	NC	30	60-141	
gamma-BHC (Lindane)	161	152	95	NC	30	58-136	
4,4'-DDD	161	181	113	NC	30	63-150	
4,4'-DDE	161	189	118	NC	30	58-150	
4,4'-DDT	161	185	115	NC	30	57-150	
Dieldrin	161	152	92	NC	30	55-128	
Endosulfan I	161	169	105	NC	30	60-138	
Endosulfan II	161	155	96	NC	30	59-133	
Endosulfan sulfate	161	166	103	NC	30	56-133	
Endrin	161	177	110	NC	30	61-150	
Endrin aldehyde	161	158	98	NC	30	55-122	
Endrin ketone	161	168	104	NC	30	62-139	
Heptachlor	161	173	108	NC	30	58-137	
Heptachlor epoxide	161	165	103	NC	30	59-136	
Methoxychlor	161	224	140	NC	30	42-150	

Column to be used to flag recovery and RPD values

FORM III 8081A

FORM III
PESTICIDES MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Matrix: Solid Level: Low Lab File ID: WR706757.D

Lab ID: 450-6512-A-6-E MSD Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Aldrin	161	172	107	NC	30	58-143	
alpha-BHC	161	154	96	NC	30	58-138	
beta-BHC	161	165	102	NC	30	60-139	
delta-BHC	161	166	103	NC	30	60-141	
gamma-BHC (Lindane)	161	162	101	NC	30	58-136	
4,4'-DDD	161	199	124	NC	30	63-150	
4,4'-DDE	161	221	138	NC	30	58-150	
4,4'-DDT	161	176	109	NC	30	57-150	
Dieldrin	161	167	101	NC	30	55-128	
Endosulfan I	161	172	107	NC	30	60-138	
Endosulfan II	161	164	102	NC	30	59-133	
Endosulfan sulfate	161	168	104	NC	30	56-133	
Endrin	161	187	117	NC	30	61-150	
Endrin aldehyde	161	160	100	NC	30	55-122	
Endrin ketone	161	171	107	NC	30	62-139	
Heptachlor	161	175	109	NC	30	58-137	
Heptachlor epoxide	161	172	107	NC	30	59-136	
Methoxychlor	161	192	120	NC	30	42-150	

Column to be used to flag recovery and RPD values

FORM III 8081A

FORM IV
PESTICIDES METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Lab Sample ID: MB 460-127381/1-A
Matrix: Water Date Extracted: 09/11/2012 13:50
Lab File ID:(1) xr138663.d Lab File ID:(2) xf138663.d
Date Analyzed:(1) 09/12/2012 12:22 Date Analyzed:(2) 09/12/2012 12:22
Instrument ID:(1) PESTGC1 Instrument ID:(2) PESTGC1
GC Column:(1) CLP-1 ID: 0.53 (mm) GC Column:(2) CLP-2 ID: 0.53 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 460-127381/2-A	09/12/2012 10:45	09/12/2012 10:45
	LCSD 460-127381/3-A	09/12/2012 10:59	09/12/2012 10:59
20120910EB	460-44405-2	09/12/2012 11:54	09/12/2012 11:54

FORM IV
PESTICIDES METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Lab Sample ID: MB 460-127454/1-A
Matrix: Solid Date Extracted: 09/12/2012 02:33
Lab File ID:(1) WR706773.D Lab File ID:(2) WF706773.D
Date Analyzed:(1) 09/12/2012 15:24 Date Analyzed:(2) 09/12/2012 15:24
Instrument ID:(1) PESTGC4 Instrument ID:(2) PESTGC4
GC Column:(1) CLP-1 ID: 0.53 (mm) GC Column:(2) CLP-2 ID: 0.53 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 460-127454/2-A	09/12/2012 11:14	09/12/2012 11:14
	450-6512-A-6-D MS	09/12/2012 11:28	09/12/2012 11:28
	450-6512-A-6-E MSD	09/12/2012 11:42	09/12/2012 11:42
201209105B-365VO-2N	460-44405-1	09/18/2012 17:16	09/18/2012 17:16

FORM VIII
PESTICIDES ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Sample No.: CCVRT 460-127690/4 Date Analyzed: 09/12/2012 07:47
Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53 (mm)
Lab File ID (Standard): xf138644.d Heated Purge: (Y/N) N
Calibration ID: 17454

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSS IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				2.30	10.38	
UPPER LIMIT				2.35	10.48	
LOWER LIMIT				2.25	10.28	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-127690/4		09/12/2012 07:47	xf138644.d	2.30	10.38	
LCS 460-127381/2-A		09/12/2012 10:45	xf138656.d	2.30	10.38	
LCSD 460-127381/3-A		09/12/2012 10:59	xf138657.d	2.30	10.38	
460-44405-2	20120910EB	09/12/2012 11:54	xf138661.d	2.30	10.38	
MB 460-127381/1-A		09/12/2012 12:22	xf138663.d	2.30	10.38	
CCV 460-127690/26		09/12/2012 13:03	xf138666.d	2.30	10.38	

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

TCX RT Limit = \pm 0.05 minutes of surrogate RT
DCB RT Limit = \pm 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII
PESTICIDES ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Sample No.: CCVRT 460-127690/4 Date Analyzed: 09/12/2012 07:47
Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53 (mm)
Lab File ID (Standard): xr138644.d Heated Purge: (Y/N) N
Calibration ID: 17453

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSS IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				1.95	9.43	
UPPER LIMIT				2.00	9.53	
LOWER LIMIT				1.90	9.33	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-127690/4		09/12/2012 07:47	xr138644.d	1.95	9.43	
LCS 460-127381/2-A		09/12/2012 10:45	xr138656.d	1.95	9.43	
LCSD 460-127381/3-A		09/12/2012 10:59	xr138657.d	1.96	9.43	
460-44405-2	20120910EB	09/12/2012 11:54	xr138661.d	1.96	9.43	
MB 460-127381/1-A		09/12/2012 12:22	xr138663.d	1.96	9.43	
CCV 460-127690/26		09/12/2012 13:03	xr138666.d	1.95	9.43	

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

TCX RT Limit = \pm 0.05 minutes of surrogate RT
DCB RT Limit = \pm 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII
PESTICIDES ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Sample No.: CCVRT 460-127675/1 Date Analyzed: 09/12/2012 10:46
Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53 (mm)
Lab File ID (Standard): WF706753.D Heated Purge: (Y/N) N
Calibration ID: 17377

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				2.39	9.94	
UPPER LIMIT				2.44	10.04	
LOWER LIMIT				2.34	9.84	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-127675/1		09/12/2012 10:46	WF706753.D	2.39	9.94	
LCS 460-127454/2-A		09/12/2012 11:14	WF706755.D	2.39	9.94	
450-6512-A-6-D MS		09/12/2012 11:28	WF706756.D	2.39	9.94	
450-6512-A-6-E MSD		09/12/2012 11:42	WF706757.D	2.39	9.94	
MB 460-127454/1-A		09/12/2012 15:24	WF706773.D	2.39	9.94	
CCV 460-127675/23		09/12/2012 15:52	WF706775.D	2.39	9.94	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = \pm 0.05 minutes of surrogate RT
DCB RT Limit = \pm 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII
PESTICIDES ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Sample No.: CCVRT 460-127675/1 Date Analyzed: 09/12/2012 10:46
Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53 (mm)
Lab File ID (Standard): WR706753.D Heated Purge: (Y/N) N
Calibration ID: 17378

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				1.90	8.95	
UPPER LIMIT				1.95	9.05	
LOWER LIMIT				1.85	8.85	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-127675/1		09/12/2012 10:46	WR706753.D	1.90	8.95	
LCS 460-127454/2-A		09/12/2012 11:14	WR706755.D	1.90	8.95	
450-6512-A-6-D MS		09/12/2012 11:28	WR706756.D	1.90	8.94	
450-6512-A-6-E MSD		09/12/2012 11:42	WR706757.D	1.90	8.94	
MB 460-127454/1-A		09/12/2012 15:24	WR706773.D	1.90	8.95	
CCV 460-127675/23		09/12/2012 15:52	WR706775.D	1.90	8.95	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = \pm 0.05 minutes of surrogate RT
DCB RT Limit = \pm 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII
PESTICIDES ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Sample No.: CCVRT 460-128370/2 Date Analyzed: 09/18/2012 12:23
Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53 (mm)
Lab File ID (Standard): WF706931.D Heated Purge: (Y/N) N
Calibration ID: 17545

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSS IS GIVEN BELOW:

			TCX	DCB	
			RT #	RT #	
CONTINUING CALIBRATION SURROGATE			2.51	10.05	
UPPER LIMIT			2.56	10.15	
LOWER LIMIT			2.46	9.95	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID		
CCVRT 460-128370/2		09/18/2012 12:23	WF706931.D	2.51	10.05
460-44405-1	201209105B-365VO-2N	09/18/2012 17:16	WF706952.D	2.51	10.08
CCV 460-128370/26		09/18/2012 17:58	WF706955.D	2.51	10.05

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = \pm 0.05 minutes of surrogate RT
DCB RT Limit = \pm 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII
PESTICIDES ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Sample No.: CCVRT 460-128370/2 Date Analyzed: 09/18/2012 12:23
Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53 (mm)
Lab File ID (Standard): WR706931.D Heated Purge: (Y/N) N
Calibration ID: 17544

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSS IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				1.91	8.95	
UPPER LIMIT				1.96	9.05	
LOWER LIMIT				1.86	8.85	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-128370/2		09/18/2012 12:23	WR706931.D	1.91	8.95	
460-44405-1	201209105B-365VO-2N	09/18/2012 17:16	WR706952.D	1.92	8.99	
CCV 460-128370/26		09/18/2012 17:58	WR706955.D	1.91	8.95	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = \pm 0.05 minutes of surrogate RT
DCB RT Limit = \pm 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44405-1

SDG No.: _____

Client Sample ID: 201209105B-365VO-2N Lab Sample ID: 460-44405-1

Instrument ID (1): PESTGC4 Instrument ID (2): PESTGC4

Date Analyzed (1): 09/18/2012 17:16 Date Analyzed (2): 09/18/2012 17:16

GC Column (1): CLP-1 ID: 0.53 (mm) GC Column (2): CLP-2 ID: 0.53 (mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
4,4'-DDE	1		6.05	5.99	6.13	480		57.5
	2		7.24	7.18	7.32	870		
Endosulfan II	1		6.93	6.86	7.00	1200		39.0
	2		8.03	7.99	8.13	1800		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-127381/2-A

Instrument ID (1): PESTGC1 Instrument ID (2): PESTGC1

Date Analyzed (1): 09/12/2012 10:45 Date Analyzed (2): 09/12/2012 10:45

GC Column (1): CLP-1 ID: 0.53 (mm) GC Column (2): CLP-2 ID: 0.53 (mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.34	2.29	2.39	1.59		12.6
	2		2.81	2.76	2.86	1.80		
gamma-BHC (Lindane)	1		2.57	2.52	2.62	1.56		13.8
	2		3.16	3.11	3.21	1.79		
beta-BHC	1		2.63	2.58	2.68	1.59		10.9
	2		3.25	3.20	3.30	1.77		
delta-BHC	1		2.76	2.71	2.81	1.57		12.8
	2		3.65	3.60	3.70	1.79		
Heptachlor	1		2.93	2.88	2.98	1.62		8.1
	2		3.78	3.73	3.83	1.76		
Aldrin	1		3.21	3.16	3.26	1.69		8.0
	2		4.59	4.53	4.63	1.84		
Heptachlor epoxide	1		4.15	4.07	4.21	1.66		7.6
	2		6.11	6.04	6.18	1.79		
4,4'-DDE	1		4.96	4.89	5.03	1.78		6.1
	2		7.25	7.18	7.32	1.89		
Endosulfan I	1		5.08	5.01	5.15	1.67		8.8
	2		7.08	7.01	7.15	1.82		
Dieldrin	1		5.68	5.61	5.75	1.59		4.7
	2		7.51	7.44	7.58	1.67		
Endrin	1		6.27	6.20	6.34	1.59		5.8
	2		7.88	7.81	7.95	1.69		
4,4'-DDD	1		6.46	6.39	6.53	1.90		5.4
	2		7.99	7.92	8.06	2.01		
Endosulfan II	1		6.81	6.73	6.87	1.63		8.1
	2		8.13	8.06	8.20	1.77		
4,4'-DDT	1		7.09	7.02	7.16	1.53		3.6
	2		8.36	8.29	8.43	1.58		
Endrin aldehyde	1		7.52	7.45	7.59	1.70		4.2
	2		8.53	8.46	8.60	1.77		
Methoxychlor	1		7.76	7.69	7.83	1.55		8.2
	2		9.17	9.10	9.24	1.68		
Endosulfan sulfate	1		8.02	7.95	8.09	1.57		6.0
	2		8.86	8.79	8.93	1.66		
Endrin ketone	1		8.33	8.26	8.40	1.67		10.6
	2		9.45	9.38	9.52	1.86		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCSD 460-127381/3-A

Instrument ID (1): PESTGC1 Instrument ID (2): PESTGC1

Date Analyzed (1): 09/12/2012 10:59 Date Analyzed (2): 09/12/2012 10:59

GC Column (1): CLP-1 ID: 0.53 (mm) GC Column (2): CLP-2 ID: 0.53 (mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.35	2.29	2.39	1.71		16.4
	2		2.81	2.76	2.86	2.01		
gamma-BHC (Lindane)	1		2.57	2.52	2.62	1.67		18.6
	2		3.16	3.11	3.21	2.01		
beta-BHC	1		2.63	2.58	2.68	1.74		13.3
	2		3.25	3.20	3.30	1.98		
delta-BHC	1		2.76	2.71	2.81	1.70		17.7
	2		3.66	3.60	3.70	2.03		
Heptachlor	1		2.94	2.88	2.98	1.70		13.6
	2		3.78	3.73	3.83	1.95		
Aldrin	1		3.21	3.16	3.26	1.77		13.9
	2		4.59	4.53	4.63	2.04		
Heptachlor epoxide	1		4.15	4.07	4.21	1.74		13.4
	2		6.11	6.04	6.18	1.99		
4,4'-DDE	1		4.96	4.89	5.03	1.86		11.9
	2		7.25	7.18	7.32	2.09		
Endosulfan I	1		5.08	5.01	5.15	1.77		13.5
	2		7.08	7.01	7.15	2.03		
Dieldrin	1		5.68	5.61	5.75	1.68		11.1
	2		7.51	7.44	7.58	1.88		
Endrin	1		6.27	6.20	6.34	1.64		10.7
	2		7.88	7.81	7.95	1.82		
4,4'-DDD	1		6.46	6.39	6.53	2.00		10.8
	2		7.99	7.92	8.06	2.22		
Endosulfan II	1		6.81	6.73	6.87	1.73		13.1
	2		8.13	8.06	8.20	1.97		
4,4'-DDT	1		7.09	7.02	7.16	1.63		8.1
	2		8.36	8.29	8.43	1.76		
Endrin aldehyde	1		7.52	7.45	7.59	1.84		8.6
	2		8.53	8.46	8.60	2.01		
Methoxychlor	1		7.76	7.69	7.83	1.65		12.6
	2		9.17	9.10	9.24	1.87		
Endosulfan sulfate	1		8.02	7.95	8.09	1.69		11.8
	2		8.86	8.79	8.93	1.91		
Endrin ketone	1		8.33	8.26	8.40	1.82		13.1
	2		9.45	9.38	9.52	2.07		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-127454/2-A

Instrument ID (1): PESTGC4 Instrument ID (2): PESTGC4

Date Analyzed (1): 09/12/2012 11:14 Date Analyzed (2): 09/12/2012 11:14

GC Column (1): CLP-1 ID: 0.53 (mm) GC Column (2): CLP-2 ID: 0.53 (mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.45	2.40	2.50	114		4.7
	2		3.49	3.44	3.54	119		
gamma-BHC (Lindane)	1		2.92	2.87	2.97	116		1.5
	2		4.21	4.16	4.26	118		
beta-BHC	1		3.09	3.04	3.14	120		1.4
	2		4.36	4.32	4.42	122		
delta-BHC	1		3.40	3.36	3.46	117		3.1
	2		4.95	4.91	5.01	114		
Heptachlor	1		3.78	3.74	3.84	123		6.1
	2		5.10	5.05	5.15	131		
Aldrin	1		4.32	4.28	4.38	123		0.2
	2		5.78	5.74	5.84	123		
Heptachlor epoxide	1		5.44	5.37	5.51	120		0.8
	2		6.64	6.57	6.71	119		
4,4'-DDE	1		6.09	6.02	6.16	101		23.5
	2		7.15	7.08	7.22	128		
Endosulfan I	1		6.17	6.10	6.24	139		11.6
	2		7.06	6.99	7.13	123		
Dieldrin	1		6.47	6.40	6.54	110		2.5
	2		7.36	7.29	7.43	113		
Endrin	1		6.72	6.65	6.79	122		0.5
	2		7.71	7.64	7.78	123		
4,4'-DDD	1		6.79	6.73	6.87	114		14.6
	2		7.80	7.73	7.87	131		
Endosulfan II	1		6.95	6.88	7.02	123		2.7
	2		7.95	7.88	8.02	126		
4,4'-DDT	1		7.07	7.00	7.14	124		4.7
	2		8.16	8.09	8.23	130		
Endrin aldehyde	1		7.38	7.31	7.45	121		3.2
	2		8.31	8.24	8.38	118		
Methoxychlor	1		7.59	7.52	7.66	131		15.6
	2		8.74	8.67	8.81	153		
Endosulfan sulfate	1		7.85	7.78	7.92	116		4.5
	2		8.55	8.48	8.62	111		
Endrin ketone	1		8.16	8.09	8.23	116		1.6
	2		8.94	8.87	9.01	114		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: 450-6512-A-6-D MS

Instrument ID (1): PESTGC4 Instrument ID (2): PESTGC4

Date Analyzed (1): 09/12/2012 11:28 Date Analyzed (2): 09/12/2012 11:28

GC Column (1): CLP-1 ID: 0.53 (mm) GC Column (2): CLP-2 ID: 0.53 (mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.45	2.40	2.50	149		0.9
	2		3.49	3.44	3.54	151		
gamma-BHC (Lindane)	1		2.92	2.87	2.97	158		3.7
	2		4.20	4.16	4.26	152		
beta-BHC	1		3.09	3.04	3.14	163		3.7
	2		4.36	4.32	4.42	157		
delta-BHC	1		3.40	3.36	3.46	161		2.0
	2		4.95	4.91	5.01	158		
Heptachlor	1		3.78	3.74	3.84	170		1.8
	2		5.10	5.05	5.15	173		
Aldrin	1		4.32	4.28	4.38	168		4.0
	2		5.78	5.74	5.84	162		
Heptachlor epoxide	1		5.44	5.37	5.51	170		4.2
	2		6.64	6.57	6.71	163		
4,4'-DDE	1		6.08	6.02	6.16	218		14.9
	2		7.15	7.08	7.22	188		
Endosulfan I	1		6.17	6.10	6.24	170		3.7
	2		7.06	6.99	7.13	164		
Dieldrin	1		6.47	6.40	6.54	165		9.8
	2		7.36	7.29	7.43	150		
Endrin	1		6.72	6.65	6.79	186		2.6
	2		7.70	7.64	7.78	182		
4,4'-DDD	1		6.79	6.73	6.87	193		1.2
	2		7.80	7.73	7.87	196		
Endosulfan II	1		6.94	6.88	7.02	161		0.5
	2		7.94	7.88	8.02	160		
4,4'-DDT	1		7.07	7.00	7.14	174		8.4
	2		8.16	8.09	8.23	189		
Endrin aldehyde	1		7.38	7.31	7.45	154		0.3
	2		8.31	8.24	8.38	154		
Methoxychlor	1		7.58	7.52	7.66	187		16.7
	2		8.73	8.67	8.81	221		
Endosulfan sulfate	1		7.85	7.78	7.92	164		0.8
	2		8.55	8.48	8.62	162		
Endrin ketone	1		8.16	8.09	8.23	167		0.3
	2		8.94	8.87	9.01	168		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: 450-6512-A-6-E MSD

Instrument ID (1): PESTGC4 Instrument ID (2): PESTGC4

Date Analyzed (1): 09/12/2012 11:42 Date Analyzed (2): 09/12/2012 11:42

GC Column (1): CLP-1 ID: 0.53 (mm) GC Column (2): CLP-2 ID: 0.53 (mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.45	2.40	2.50	154		3.2
	2		3.49	3.44	3.54	149		
gamma-BHC (Lindane)	1		2.92	2.87	2.97	162		6.1
	2		4.21	4.16	4.26	152		
beta-BHC	1		3.09	3.04	3.14	165		4.9
	2		4.36	4.32	4.42	157		
delta-BHC	1		3.40	3.36	3.46	166		5.1
	2		4.95	4.91	5.01	158		
Heptachlor	1		3.78	3.74	3.84	175		1.0
	2		5.10	5.05	5.15	173		
Aldrin	1		4.32	4.28	4.38	172		5.2
	2		5.79	5.74	5.84	163		
Heptachlor epoxide	1		5.44	5.37	5.51	172		4.2
	2		6.64	6.57	6.71	165		
4,4'-DDE	1		6.08	6.02	6.16	221		15.7
	2		7.15	7.08	7.22	189		
Endosulfan I	1		6.17	6.10	6.24	172		1.7
	2		7.06	6.99	7.13	169		
Dieldrin	1		6.47	6.40	6.54	167		9.4
	2		7.36	7.29	7.43	152		
Endrin	1		6.71	6.65	6.79	187		5.8
	2		7.70	7.64	7.78	177		
4,4'-DDD	1		6.79	6.73	6.87	199		9.2
	2		7.80	7.73	7.87	181		
Endosulfan II	1		6.94	6.88	7.02	164		5.8
	2		7.94	7.88	8.02	155		
4,4'-DDT	1		7.07	7.00	7.14	176		5.2
	2		8.16	8.09	8.23	185		
Endrin aldehyde	1		7.38	7.31	7.45	160		1.6
	2		8.31	8.24	8.38	158		
Methoxychlor	1		7.58	7.52	7.66	192		15.3
	2		8.73	8.67	8.81	224		
Endosulfan sulfate	1		7.85	7.78	7.92	168		1.0
	2		8.55	8.48	8.62	166		
Endrin ketone	1		8.16	8.09	8.23	171		2.2
	2		8.94	8.87	9.01	168		

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44405-1
 SDG No.: _____
 Client Sample ID: 201209105B-365VO-2N Lab Sample ID: 460-44405-1
 Matrix: Solid Lab File ID: WF706952.D
 Analysis Method: 8081A Date Collected: 09/10/2012 11:10
 Extraction Method: 3541 Date Extracted: 09/12/2012 02:33
 Sample wt/vol: 15.05(g) Date Analyzed: 09/18/2012 17:16
 Con. Extract Vol.: 10(mL) Dilution Factor: 5
 Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)
 % Moisture: 29.1 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 128370 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
33213-65-9	Endosulfan II	1800		47	7.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	75		40-150
2051-24-3	DCB Decachlorobiphenyl	168	p X	53-150

Data File: WF706952.D
Report Date: 19-Sep-2012 08:10

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Sep12/09-18-12aical/18sep12c.b/WF706952.D
Lab Smp Id: 460-44405-E-1-B Client Smp ID: 201209105B-365VO-2N
Inj Date : 18-SEP-2012 17:16
Operator : Inst ID: PESTGC4.i
Smp Info : 460-44405-E-1-B
Misc Info : 460-44405-E-1-B
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Sep12/09-18-12aical/18sep12c.b/08WF8081.m
Meth Date : 19-Sep-2012 08:10 ferdie Quant Type: ESTD
Cal Date : 18-SEP-2012 09:49 Cal File: WF706920.D
Als bottle: 1
Dil Factor: 5.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.05000	Weight of sample extracted (g)
M	29.07801	% Moisture

Cpnd Variable Local Compound Variable

CONCENTRATIONS						
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene				CAS #: 877-09-8		
2.507	2.507	0.000	26559	7.46691	35 80.00- 120.00	100.00(a)
-----	-----	-----	-----	-----	-----	-----
8 4,4'-DDE				CAS #: 72-55-9		
7.243	7.247	-0.004	547569	186.345	870 80.00- 120.00	100.00
-----	-----	-----	-----	-----	-----	-----
12 Endosulfan II				CAS #: 33213-65-9		
8.033	8.063	-0.030	981389	387.712	1800 80.00- 120.00	100.00
-----	-----	-----	-----	-----	-----	-----
\$ 30 Decachlorobiphenyl				CAS #: 2051-24-3		
10.077	10.053	0.024	42085	16.8308	79 80.00- 120.00	100.00(R)
-----	-----	-----	-----	-----	-----	-----

Data File: WF706952.D
Report Date: 19-Sep-2012 08:10

QC Flag Legend

- a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
- R - Spike/Surrogate failed recovery limits.

Data File: WF706952.D

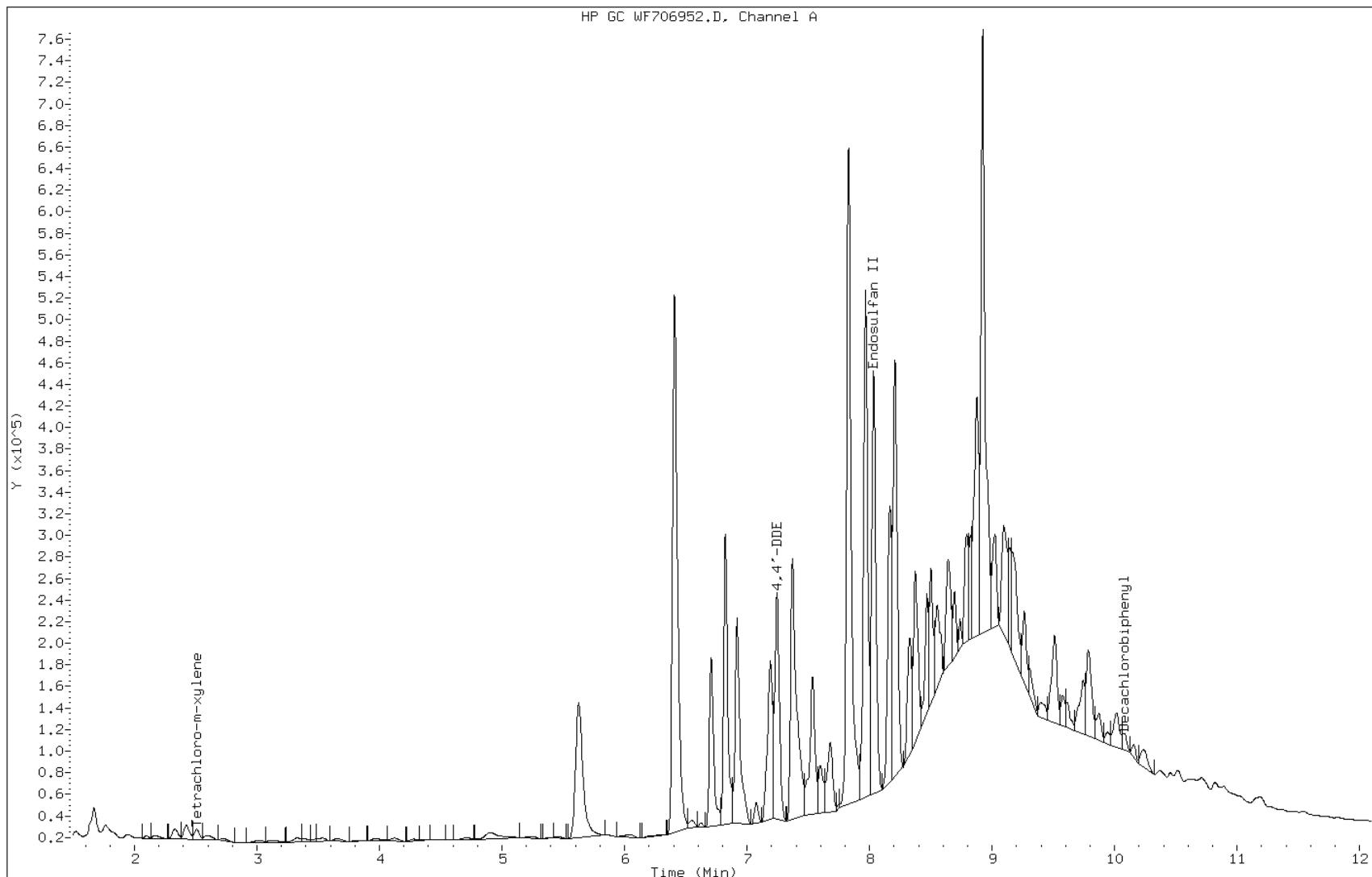
Date: 18-SEP-2012 17:16

Client ID: 201209105B-365VO-2N

Instrument: PESTGC4.i

Sample Info: 460-44405-E-1-B

Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.:
Client Sample ID: 201209105B-365VO-2N Lab Sample ID: 460-44405-1
Matrix: Solid Lab File ID: WR706952.D
Analysis Method: 8081A Date Collected: 09/10/2012 11:10
Extraction Method: 3541 Date Extracted: 09/12/2012 02:33
Sample wt/vol: 15.05(g) Date Analyzed: 09/18/2012 17:16
Con. Extract Vol.: 10(mL) Dilution Factor: 5
Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
% Moisture: 29.1 GPC Cleanup:(Y/N) N
Analysis Batch No.: 128370 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	10	U	47	10
319-84-6	alpha-BHC	8.7	U	47	8.7
319-85-7	beta-BHC	6.4	U	47	6.4
319-86-8	delta-BHC	7.2	U	47	7.2
58-89-9	gamma-BHC (Lindane)	5.5	U	47	5.5
57-74-9	Chlordane	100	U	470	100
72-54-8	4,4'-DDD	5.6	U	47	5.6
72-55-9	4,4'-DDE	480	p	47	9.1
50-29-3	4,4'-DDT	5.9	U	47	5.9
60-57-1	Dieldrin	9.1	U	47	9.1
959-98-8	Endosulfan I	9.9	U	47	9.9
1031-07-8	Endosulfan sulfate	6.0	U	47	6.0
72-20-8	Endrin	6.6	U	47	6.6
7421-93-4	Endrin aldehyde	12	U	47	12
53494-70-5	Endrin ketone	7.0	U	47	7.0
76-44-8	Heptachlor	6.7	U	47	6.7
1024-57-3	Heptachlor epoxide	9.5	U	47	9.5
72-43-5	Methoxychlor	5.3	U	47	5.3
8001-35-2	Toxaphene	98	U	470	98

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	66		40-150
2051-24-3	DCB Decachlorobiphenyl	427	X	53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Sep12/09-18-12aical/18sep12c.b/WR706952.D
Lab Smp Id: 460-44405-E-1-B Client Smp ID: 201209105B-365VO-2N
Inj Date : 18-SEP-2012 17:16
Operator : Inst ID: PESTGC4.i
Smp Info : 460-44405-E-1-B
Misc Info : 460-44405-E-1-B
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Sep12/09-18-12aical/18sep12c.b/08Wr8081.m
Meth Date : 19-Sep-2012 08:09 ferdie Quant Type: ESTD
Cal Date : 18-SEP-2012 09:49 Cal File: WR706920.D
Als bottle: 1
Dil Factor: 5.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.05000	Weight of sample extracted (g)
M	29.07801	% Moisture

Cpnd Variable Local Compound Variable

CONCENTRATIONS						
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene				CAS #: 877-09-8		
1.917	1.913	0.004	26112 6.59264	31	80.00- 120.00	100.00(a)
-----	-----	-----	-----	-----	-----	-----
8 4,4'-DDE				CAS #: 72-55-9		
6.050	6.057	-0.007	391833 103.157	480	80.00- 120.00	100.00
-----	-----	-----	-----	-----	-----	-----
12 Endosulfan II				CAS #: 33213-65-9		
6.930	6.927	0.003	810305 261.067	1200	80.00- 120.00	100.00(M)
-----	-----	-----	-----	-----	-----	-----
\$ 30 Decachlorobiphenyl				CAS #: 2051-24-3		
8.990	8.950	0.040	116242 42.6793	200	80.00- 120.00	100.00(R)
-----	-----	-----	-----	-----	-----	-----

QC Flag Legend

- a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
- R - Spike/Surrogate failed recovery limits.
- M - Compound response manually integrated.

Data File: WR706952.D

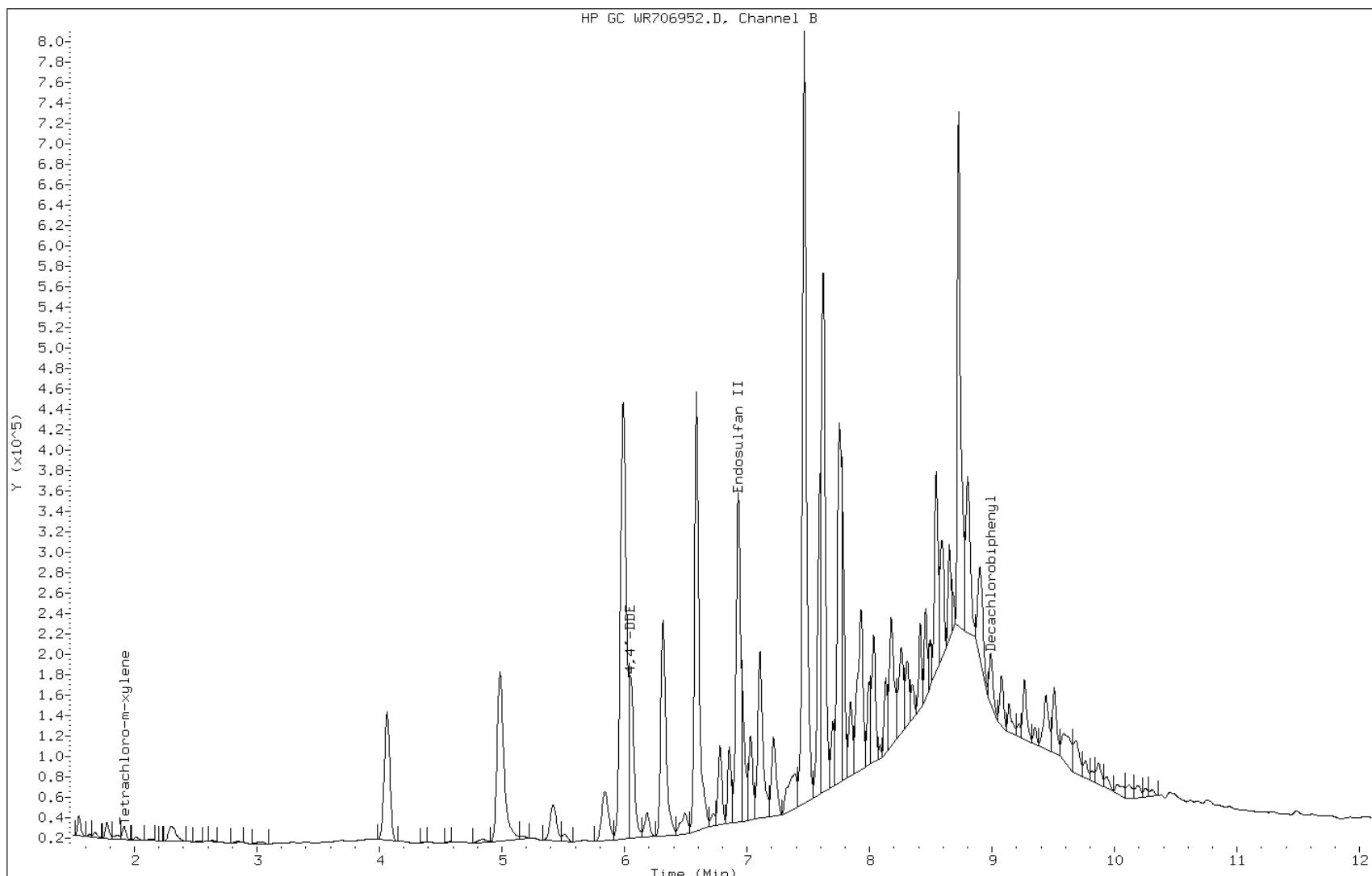
Date: 18-SEP-2012 17:16

Client ID: 201209105B-365VO-2N

Instrument: PESTGC4.i

Sample Info: 460-44405-E-1-B

Operator:



Manual Integration Report

Data File: WR706952.D
Inj. Date and Time: 18-SEP-2012 17:16
Instrument ID: PESTGC4.i
Client ID: 201209105B-365VO-2N
Compound: 12 Endosulfan II
CAS #: 33213-65-9
Report Date: 09/19/2012

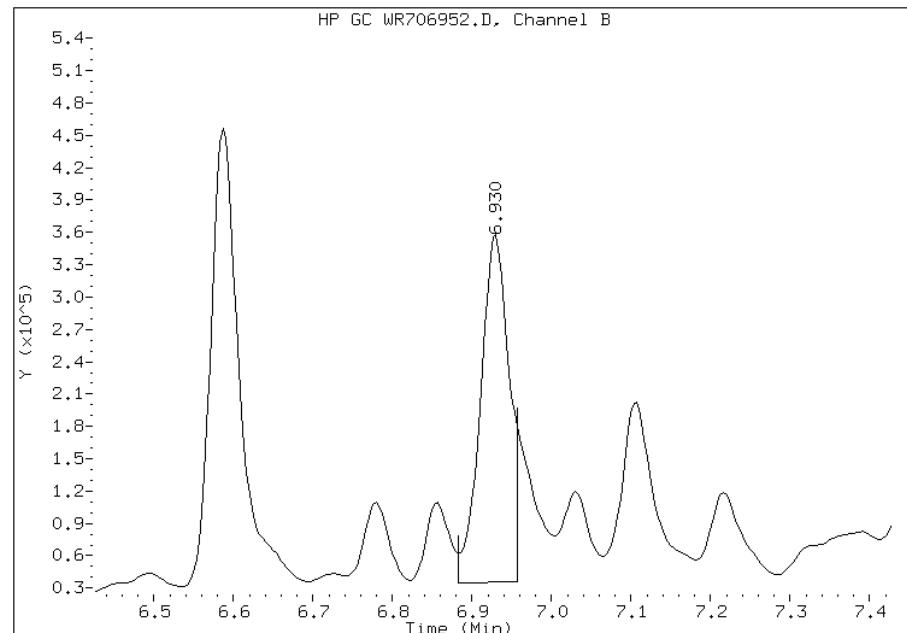
Processing Integration Results

Not Detected

Expected RT: 6.93

Manual Integration Results

RT: 6.93
Response: 810305
Amount: 261.07
Conc: 1222.94



Manually Integrated By: ferdie
Manual Integration Reason:

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Client Sample ID: 20120910EB Lab Sample ID: 460-44405-2
Matrix: Water Lab File ID: xf138661.d
Analysis Method: 8081A Date Collected: 09/10/2012 15:45
Extraction Method: 3510C Date Extracted: 09/11/2012 13:50
Sample wt/vol: 970 (mL) Date Analyzed: 09/12/2012 11:54
Con. Extract Vol.: 5 (mL) Dilution Factor: 1
Injection Volume: _____ GC Column: CLP-2 ID: 0.53 (mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 127690 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	105		49-132
2051-24-3	DCB Decachlorobiphenyl	62		37-144

Data File: xf138661.d
Report Date: 13-Sep-2012 11:48

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Sep12/09-12-12/12sep12a.b/xf138661.d
Lab Smp Id: 460-44405-E-2-A Client Smp ID: 20120910EB
Inj Date : 12-SEP-2012 11:54
Operator : Inst ID: PESTGC1.i
Smp Info : 460-44405-E-2-A
Misc Info : 460-44405-E-2-A
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Sep12/09-12-12/12sep12a.b/09Xf8081.m
Meth Date : 13-Sep-2012 10:34 ferdie Quant Type: ESTD
Cal Date : 11-SEP-2012 09:28 Cal File: xf138611.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	970.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

CONCENTRATIONS									
ON-COL				FINAL					
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/l)	TARGET RANGE	RATIO			
==	=====	=====	=====	=====	=====	=====	====	====	====
<hr/>									
\$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8				
2.303	2.300	0.003	311776	105.370	0.54	80.00- 120.00	100.00		
<hr/>									
\$ 30 Decachlorobiphenyl					CAS #: 2051-24-3				
10.377	10.377	0.000	143466	62.0483	0.32	80.00- 120.00	100.00		
<hr/>									

Data File: xf138661.d

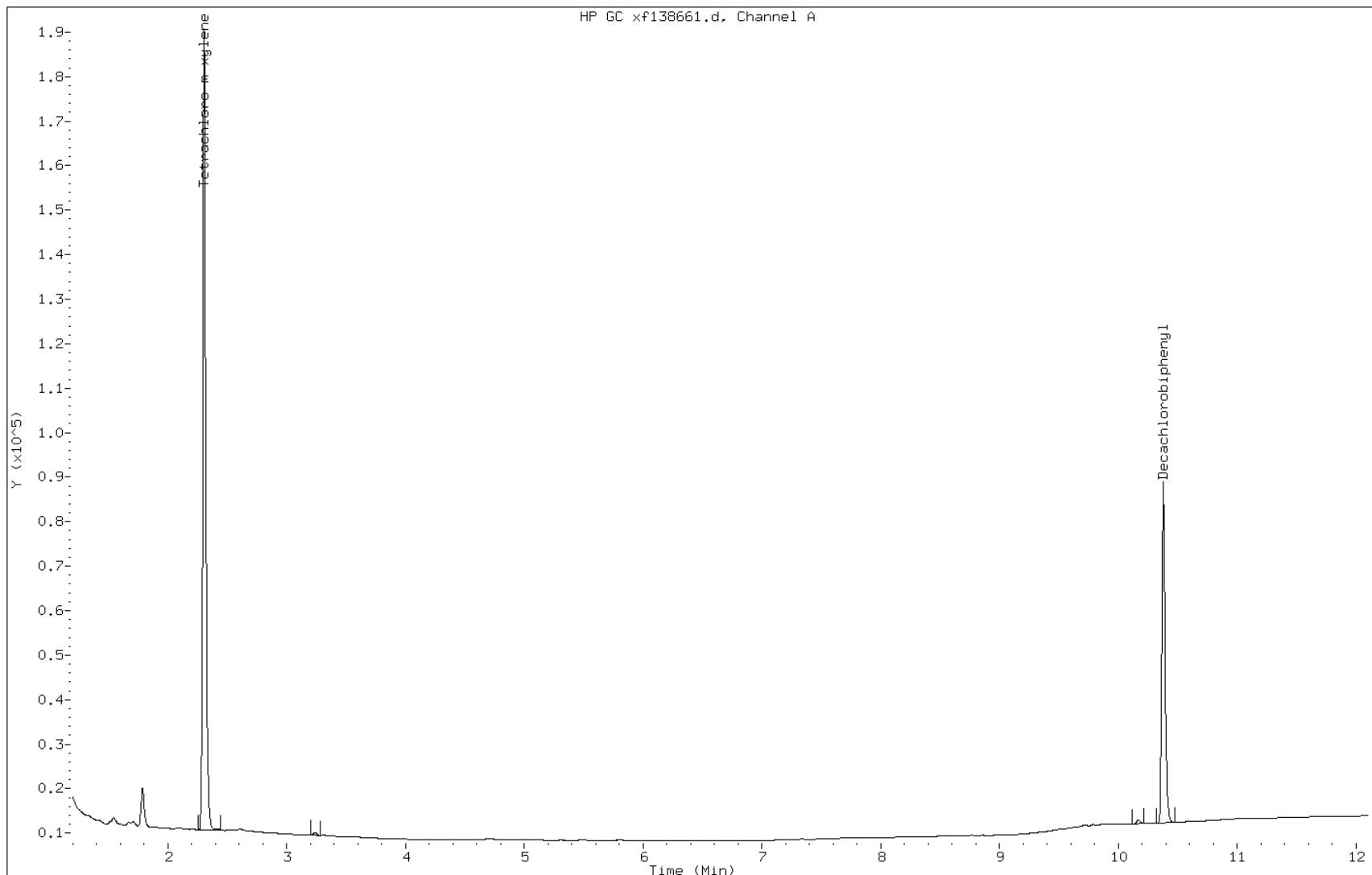
Date: 12-SEP-2012 11:54

Client ID: 20120910EB

Instrument: PESTGC1.i

Sample Info: 460-44405-E-2-A

Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.:
Client Sample ID: 20120910EB Lab Sample ID: 460-44405-2
Matrix: Water Lab File ID: xr138661.d
Analysis Method: 8081A Date Collected: 09/10/2012 15:45
Extraction Method: 3510C Date Extracted: 09/11/2012 13:50
Sample wt/vol: 970 (mL) Date Analyzed: 09/12/2012 11:54
Con. Extract Vol.: 5 (mL) Dilution Factor: 1
Injection Volume:
% Moisture:
Analysis Batch No.: 127690 GC Column: CLP-1 ID: 0.53 (mm)
GPC Cleanup: (Y/N) N Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	0.010	U	0.052	0.010
319-84-6	alpha-BHC	0.010	U	0.052	0.010
319-85-7	beta-BHC	0.011	U	0.052	0.011
319-86-8	delta-BHC	0.0093	U	0.052	0.0093
58-89-9	gamma-BHC (Lindane)	0.012	U	0.052	0.012
57-74-9	Chlordane	0.34	U	0.52	0.34
72-54-8	4,4'-DDD	0.011	U	0.052	0.011
72-55-9	4,4'-DDE	0.0093	U	0.052	0.0093
50-29-3	4,4'-DDT	0.010	U	0.052	0.010
60-57-1	Dieldrin	0.0052	U	0.052	0.0052
959-98-8	Endosulfan I	0.0093	U	0.052	0.0093
33213-65-9	Endosulfan II	0.010	U	0.052	0.010
1031-07-8	Endosulfan sulfate	0.016	U	0.052	0.016
72-20-8	Endrin	0.010	U	0.052	0.010
7421-93-4	Endrin aldehyde	0.0093	U	0.052	0.0093
53494-70-5	Endrin ketone	0.011	U	0.052	0.011
76-44-8	Heptachlor	0.010	U	0.052	0.010
1024-57-3	Heptachlor epoxide	0.010	U	0.052	0.010
72-43-5	Methoxychlor	0.013	U	0.052	0.013
8001-35-2	Toxaphene	0.21	U	0.52	0.21

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	85		49-132
2051-24-3	DCB Decachlorobiphenyl	57		37-144

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Sep12/09-12-12/12sep12a.b/xr138661.d
Lab Smp Id: 460-44405-E-2-A Client Smp ID: 20120910EB
Inj Date : 12-SEP-2012 11:54
Operator : Inst ID: PESTGC1.i
Smp Info : 460-44405-E-2-A
Misc Info : 460-44405-E-2-A
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Sep12/09-12-12/12sep12a.b/09Xr8081.m
Meth Date : 13-Sep-2012 09:20 ferdie Quant Type: ESTD
Cal Date : 11-SEP-2012 09:28 Cal File: xr138611.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	970.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

CONCENTRATIONS									
ON-COL				FINAL					
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/l)	TARGET RANGE	RATIO			
==	=====	=====	=====	=====	=====	=====	====		
<hr/>									
\$ 28	Tetrachloro-m-xylene			CAS #: 877-09-8					
1.957	1.953	0.004	574086	85.2436	0.44	80.00-	120.00	100.00	
<hr/>									
\$ 30	Decachlorobiphenyl			CAS #: 2051-24-3					
9.433	9.433	0.000	248292	57.4533	0.30	80.00-	120.00	100.00	
<hr/>									

Data File: xr138661.d

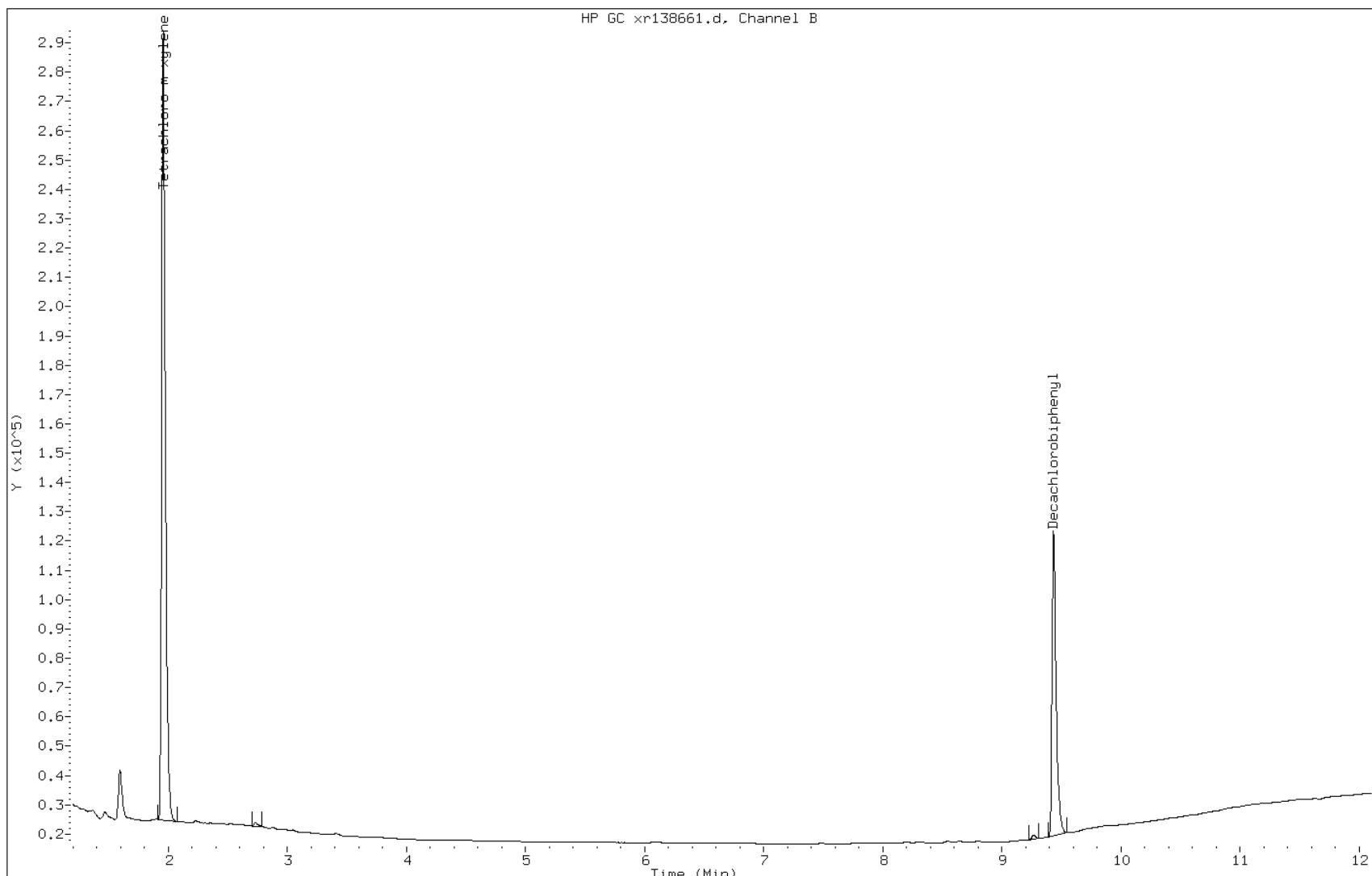
Date: 12-SEP-2012 11:54

Client ID: 20120910EB

Instrument: PESTGC1.i

Sample Info: 460-44405-E-2-A

Operator:



FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 127481

SDG No.: _____

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/11/2012 08:05 Calibration End Date: 09/11/2012 09:00 Calibration ID: 17454

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-127481/5	xf138606.d
Level 2	IC 460-127481/6	xf138607.d
Level 3	IC 460-127481/4	xf138605.d
Level 4	IC 460-127481/7	xf138608.d
Level 5	IC 460-127481/8	xf138609.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
alpha-BHC	2.807	2.807	2.807	2.807	2.803						2.757 - 2.857	2.806
gamma-BHC (Lindane)	3.157	3.157	3.157	3.157	3.157						3.107 - 3.207	3.157
beta-BHC	3.247	3.247	3.247	3.247	3.247						3.197 - 3.297	3.247
delta-BHC	3.653	3.653	3.653	3.653	3.650						3.603 - 3.703	3.653
Heptachlor	3.777	3.780	3.780	3.777	3.777						3.730 - 3.830	3.778
Aldrin	4.583	4.587	4.587	4.587	4.583						4.537 - 4.637	4.585
Heptachlor epoxide	6.110	6.113	6.113	6.110	6.110						6.043 - 6.183	6.111
gamma-Chlordane	6.587	6.587	6.590	6.587	6.587						6.520 - 6.660	6.587
alpha-Chlordane	6.943	6.943	6.943	6.943	6.943						6.873 - 7.013	6.943
Endosulfan I	7.077	7.077	7.077	7.077	7.073						7.007 - 7.147	7.076
4,4'-DDE	7.253	7.253	7.250	7.250	7.250						7.180 - 7.320	7.251
Dieldrin	7.513	7.513	7.513	7.513	7.513						7.443 - 7.583	7.513
Endrin	7.883	7.883	7.883	7.883	7.883						7.813 - 7.953	7.883
4,4'-DDD	7.990	7.990	7.990	7.990	7.987						7.920 - 8.060	7.989
Endosulfan II	8.130	8.130	8.130	8.127	8.127						8.060 - 8.200	8.129
4,4'-DDT	8.360	8.360	8.360	8.360	8.360						8.290 - 8.430	8.360
Endrin aldehyde	8.530	8.530	8.530	8.530	8.527						8.460 - 8.600	8.529
Endosulfan sulfate	8.863	8.863	8.863	8.863	8.860						8.793 - 8.933	8.863
Methoxychlor	9.173	9.173	9.173	9.173	9.173						9.103 - 9.243	9.173
Endrin ketone	9.450	9.450	9.450	9.450	9.447						9.380 - 9.520	9.449
Tetrachloro-m-xylene	2.300	2.300	2.300	2.300	2.300						2.250 - 2.350	2.300
DCB Decachlorobiphenyl	10.380	10.380	10.380	10.380	10.377						10.280 - 10.480	10.379

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 127481

SDG No.: _____

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/11/2012 08:05 Calibration End Date: 09/11/2012 09:00 Calibration ID: 17454

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-127481/5	xf138606.d
Level 2	IC 460-127481/6	xf138607.d
Level 3	IC 460-127481/4	xf138605.d
Level 4	IC 460-127481/7	xf138608.d
Level 5	IC 460-127481/8	xf138609.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4		B	M1	M2								
alpha-BHC	4036.1 3930.0	4173.3	4269.2	3981.9	Ave		4078.09320				3.4		20.0			
gamma-BHC (Lindane)	3602.7 3533.1	3846.6	3898.2	3626.8	Ave		3701.46080				4.3		20.0			
beta-BHC	1852.0 1632.3	1883.5	1879.7	1696.7	Ave		1788.84240				6.5		20.0			
delta-BHC	3228.7 3759.8	3907.5	4021.2	3869.4	Ave		3757.33400				8.2		20.0			
Heptachlor	3656.5 3629.5	4057.6	4159.1	3829.3	Ave		3866.42400				6.1		20.0			
Aldrin	3468.8 3841.9	3974.6	4228.8	3992.7	Ave		3901.36400				7.2		20.0			
Heptachlor epoxide	3634.2 3412.6	3807.6	3929.1	3604.6	Ave		3677.62840				5.4		20.0			
gamma-Chlordane	3661.2 3587.6	3852.6	3991.1	3731.8	Ave		3764.85520				4.2		20.0			
alpha-Chlordane	3559.2 3323.2	3645.4	3737.0	3455.1	Ave		3543.99640				4.6		20.0			
Endosulfan I	3056.4 2922.0	3212.6	3320.5	3088.1	Ave		3119.92360				4.9		20.0			
4,4'-DDE	2809.2 3006.1	3150.8	3316.1	3122.4	Ave		3080.90880				6.1		20.0			
Dieldrin	2940.4 2995.4	3195.9	3334.6	3111.5	Ave		3115.57600				5.1		20.0			
Endrin	2525.6 2462.8	2672.5	2776.6	2592.5	Ave		2606.00360				4.7		20.0			
4,4'-DDD	2239.4 2290.8	2424.4	2522.7	2394.8	Ave		2374.42040				4.7		20.0			
Endosulfan II	2597.8 2436.2	2669.6	2737.2	2564.9	Ave		2601.13000				4.4		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

Analy Batch No.: 127481

SDG No.: _____

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/11/2012 08:05 Calibration End Date: 09/11/2012 09:00 Calibration ID: 17454

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4		B	M1	M2								
4,4'-DDT	2332.6	2527.8	2622.6	2511.7	Ave		2482.27640				4.5		20.0			
	2416.6															
Endrin aldehyde	2220.5	2141.9	2134.2	2003.0	Ave		2081.23320				6.0		20.0			
	1906.6															
Endosulfan sulfate	2354.3	2394.7	2444.4	2290.6	Ave		2339.51120				3.9		20.0			
	2213.5															
Methoxychlor	1221.1	1212.8	1225.1	1143.2	Ave		1178.68040				5.0		20.0			
	1091.2															
Endrin ketone	2472.5	2476.4	2528.2	2359.0	Ave		2421.88320				4.3		20.0			
	2273.3															
Tetrachloro-m-xylene	3024.3	2938.7	3010.0	2968.3	Ave		2958.86133				2.3		20.0			
	2853.0															
DCB Decachlorobiphenyl	2449.9	2330.0	2370.7	2235.6	Ave		2312.17600				4.7		20.0			
	2174.7															

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

Analy Batch No.: 127481

SDG No.: _____

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/11/2012 08:05 Calibration End Date: 09/11/2012 09:00 Calibration ID: 17454

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-127481/5	xf138606.d
Level 2	IC 460-127481/6	xf138607.d
Level 3	IC 460-127481/4	xf138605.d
Level 4	IC 460-127481/7	xf138608.d
Level 5	IC 460-127481/8	xf138609.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
alpha-BHC	Ave	40361	208666	426916	995481	1964981	10.0	50.0	100	250	500
gamma-BHC (Lindane)	Ave	36027	192329	389819	906688	1766541	10.0	50.0	100	250	500
beta-BHC	Ave	18520	94177	187968	424176	816144	10.0	50.0	100	250	500
delta-BHC	Ave	32287	195377	402120	967350	1879915	10.0	50.0	100	250	500
Heptachlor	Ave	36565	202880	415914	957334	1814772	10.0	50.0	100	250	500
Aldrin	Ave	34688	198730	422876	998183	1920964	10.0	50.0	100	250	500
Heptachlor epoxide	Ave	36342	190378	392914	901155	1706311	10.0	50.0	100	250	500
gamma-Chlordane	Ave	36612	192631	399110	932940	1793798	10.0	50.0	100	250	500
alpha-Chlordane	Ave	35592	182272	373703	863768	1661620	10.0	50.0	100	250	500
Endosulfan I	Ave	30564	160630	332053	772015	1461014	10.0	50.0	100	250	500
4,4'-DDE	Ave	28092	157538	331605	780605	1503057	10.0	50.0	100	250	500
Dieldrin	Ave	29404	159794	333462	777886	1497718	10.0	50.0	100	250	500
Endrin	Ave	25256	133625	277660	648129	1231401	10.0	50.0	100	250	500
4,4'-DDD	Ave	22394	121219	252273	598694	1145408	10.0	50.0	100	250	500
Endosulfan II	Ave	25978	133482	273716	641214	1218097	10.0	50.0	100	250	500
4,4'-DDT	Ave	23326	126391	262263	627936	1208294	10.0	50.0	100	250	500
Endrin aldehyde	Ave	22205	107095	213420	500745	953293	10.0	50.0	100	250	500
Endosulfan sulfate	Ave	23543	119736	244439	572661	1106751	10.0	50.0	100	250	500
Methoxychlor	Ave	12211	60638	122511	285807	545602	10.0	50.0	100	250	500
Endrin ketone	Ave	24725	123819	252821	589752	1136659	10.0	50.0	100	250	500
Tetrachloro-m-xylene	Ave	75607	146934	301002	445246	570604	25.0	50.0	100	150	200
DCB Decachlorobiphenyl	Ave	61248	116499	237069	335334	434946	25.0	50.0	100	150	200

Curve Type Legend:

Ave = Average

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 127481

SDG No.: _____

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/11/2012 08:05 Calibration End Date: 09/11/2012 09:00 Calibration ID: 17453

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-127481/5	xr138606.d
Level 2	IC 460-127481/6	xr138607.d
Level 3	IC 460-127481/4	xr138605.d
Level 4	IC 460-127481/7	xr138608.d
Level 5	IC 460-127481/8	xr138609.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
alpha-BHC	2.343	2.343	2.343	2.343	2.343						2.293 - 2.393	2.343
gamma-BHC (Lindane)	2.567	2.570	2.570	2.567	2.567						2.520 - 2.620	2.568
beta-BHC	2.630	2.633	2.633	2.630	2.630						2.583 - 2.683	2.631
delta-BHC	2.763	2.763	2.763	2.760	2.763						2.713 - 2.813	2.763
Heptachlor	2.933	2.933	2.933	2.933	2.933						2.883 - 2.983	2.933
Aldrin	3.210	3.210	3.210	3.207	3.210						3.160 - 3.260	3.209
Heptachlor epoxide	4.147	4.147	4.147	4.143	4.147						4.077 - 4.217	4.146
gamma-Chlordane	4.433	4.437	4.437	4.433	4.433						4.367 - 4.507	4.435
alpha-Chlordane	4.750	4.750	4.753	4.747	4.750						4.683 - 4.823	4.750
4,4'-DDE	4.953	4.957	4.957	4.953	4.953						4.887 - 5.027	4.955
Endosulfan I	5.073	5.077	5.077	5.073	5.077						5.007 - 5.147	5.075
Dieldrin	5.680	5.680	5.683	5.680	5.680						5.613 - 5.753	5.681
Endrin	6.270	6.270	6.270	6.270	6.270						6.200 - 6.340	6.270
4,4'-DDD	6.457	6.457	6.457	6.453	6.457						6.387 - 6.527	6.456
Endosulfan II	6.803	6.803	6.803	6.803	6.803						6.733 - 6.873	6.803
4,4'-DDT	7.087	7.087	7.087	7.083	7.083						7.017 - 7.157	7.085
Endrin aldehyde	7.520	7.520	7.520	7.520	7.520						7.450 - 7.590	7.520
Methoxychlor	7.757	7.757	7.757	7.753	7.753						7.687 - 7.827	7.755
Endosulfan sulfate	8.017	8.017	8.017	8.013	8.013						7.947 - 8.087	8.015
Endrin ketone	8.330	8.330	8.330	8.327	8.327						8.260 - 8.400	8.329
Tetrachloro-m-xylene	1.953	1.953	1.953	1.950	1.953						1.903 - 2.003	1.953
DCB Decachlorobiphenyl	9.433	9.433	9.433	9.433	9.433						9.333 - 9.533	9.433

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

Analy Batch No.: 127481

SDG No.: _____

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/11/2012 08:05 Calibration End Date: 09/11/2012 09:00 Calibration ID: 17453

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-127481/5	xr138606.d
Level 2	IC 460-127481/6	xr138607.d
Level 3	IC 460-127481/4	xr138605.d
Level 4	IC 460-127481/7	xr138608.d
Level 5	IC 460-127481/8	xr138609.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4		B	M1	M2								
alpha-BHC	10182 7712.6	9638.1	9052.9	8169.7	Ave		8951.01360				11.4		20.0			
gamma-BHC (Lindane)	9135.3 6532.0	8517.0	7907.0	7065.5	Ave		7831.36040				13.5		20.0			
beta-BHC	4734.8 3501.8	4292.0	4011.1	3775.8	Ave		4063.08360				11.7		20.0			
delta-BHC	8487.6 6811.5	8342.5	7735.8	7311.6	Ave		7737.78680				9.1		20.0			
Heptachlor	8181.7 5787.9	7865.8	7309.1	6713.0	Ave		7171.47600				13.3		20.0			
Aldrin	7492.6 5859.8	7399.3	7044.3	6427.3	Ave		6844.65920				10.1		20.0			
Heptachlor epoxide	7776.2 5781.2	7659.2	7283.5	6499.3	Ave		6999.86800				12.1		20.0			
gamma-Chlordane	7810.8 6506.9	7773.3	7474.1	6966.4	Ave		7306.32720				7.7		20.0			
alpha-Chlordane	7442.8 6149.3	7310.6	7115.9	6555.6	Ave		6914.84400				7.9		20.0			
4,4'-DDE	6721.1 5983.7	7103.5	6952.0	6507.4	Ave		6653.52200				6.6		20.0			
Endosulfan I	7014.6 5430.9	6960.8	6760.5	6015.2	Ave		6436.40960				10.7		20.0			
Dieldrin	7119.1 6035.3	7399.6	7258.9	6637.2	Ave		6890.01840				8.1		20.0			
Endrin	6579.8 5381.5	6829.0	6656.2	6005.4	Ave		6290.37120				9.5		20.0			
4,4'-DDD	5508.0 5125.3	5948.2	5942.2	5534.3	Ave		5611.59480				6.1		20.0			
Endosulfan II	6482.8 4971.6	6423.3	6148.0	5536.3	Ave		5912.40120				10.9		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

Analy Batch No.: 127481

SDG No.: _____

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/11/2012 08:05 Calibration End Date: 09/11/2012 09:00 Calibration ID: 17453

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4		B	M1	M2								
4,4'-DDT	5906.2	6120.5	5989.1	5606.5	Ave		5768.63880				6.2		20.0			
	5220.9															
Endrin aldehyde	4428.9	4329.7	4248.6	3818.6	Ave		4069.68240				9.4		20.0			
	3522.7															
Methoxychlor	2938.8	2821.8	2676.9	2414.4	Ave		2616.29720				11.1		20.0			
	2229.6															
Endosulfan sulfate	4833.3	4760.8	4544.9	4176.2	Ave		4430.62880				9.4		20.0			
	3838.0															
Endrin ketone	5362.3	5200.6	5003.8	4538.4	Ave		4866.53920				9.7		20.0			
	4227.5															
Tetrachloro-m-xylene	7195.0	6947.6	6381.2	6481.4	Ave		6734.65300				5.0		20.0			
	6668.1															
DCB Decachlorobiphenyl	4604.9	4420.0	4336.6	4188.7	Ave		4321.64400				4.9		20.0			
	4058.0															

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

Analy Batch No.: 127481

SDG No.: _____

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/11/2012 08:05 Calibration End Date: 09/11/2012 09:00 Calibration ID: 17453

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-127481/5	xr138606.d
Level 2	IC 460-127481/6	xr138607.d
Level 3	IC 460-127481/4	xr138605.d
Level 4	IC 460-127481/7	xr138608.d
Level 5	IC 460-127481/8	xr138609.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
alpha-BHC	Ave	101818	481905	905293	2042420	3856279	10.0	50.0	100	250	500
gamma-BHC (Lindane)	Ave	91353	425852	790697	1766383	3265980	10.0	50.0	100	250	500
beta-BHC	Ave	47348	214601	401107	943940	1750884	10.0	50.0	100	250	500
delta-BHC	Ave	84876	417123	773575	1827905	3405752	10.0	50.0	100	250	500
Heptachlor	Ave	81817	393288	730909	1678243	2893929	10.0	50.0	100	250	500
Aldrin	Ave	74926	369965	704427	1606831	2929901	10.0	50.0	100	250	500
Heptachlor epoxide	Ave	77762	382959	728350	1624824	2890582	10.0	50.0	100	250	500
gamma-Chlordane	Ave	78108	388667	747412	1741608	3253472	10.0	50.0	100	250	500
alpha-Chlordane	Ave	74428	365532	711587	1638910	3074635	10.0	50.0	100	250	500
4,4'-DDE	Ave	67211	355173	695195	1626862	2991826	10.0	50.0	100	250	500
Endosulfan I	Ave	70146	348039	676049	1503811	2715467	10.0	50.0	100	250	500
Dieldrin	Ave	71191	369980	725888	1659309	3017638	10.0	50.0	100	250	500
Endrin	Ave	65798	341450	665618	1501355	2690728	10.0	50.0	100	250	500
4,4'-DDD	Ave	55080	297410	594218	1383567	2562663	10.0	50.0	100	250	500
Endosulfan II	Ave	64828	321164	614799	1384077	2485814	10.0	50.0	100	250	500
4,4'-DDT	Ave	59062	306025	598906	1401636	2610445	10.0	50.0	100	250	500
Endrin aldehyde	Ave	44289	216483	424857	954658	1761325	10.0	50.0	100	250	500
Methoxychlor	Ave	29388	141092	267692	603591	1114781	10.0	50.0	100	250	500
Endosulfan sulfate	Ave	48333	238039	454486	1044061	1918980	10.0	50.0	100	250	500
Endrin ketone	Ave	53623	260031	500384	1134598	2113772	10.0	50.0	100	250	500
Tetrachloro-m-xylene	Ave	179874	347382	638118	972213	1333613	25.0	50.0	100	150	200
DCB Decachlorobiphenyl	Ave	115122	221002	433656	628305	811608	25.0	50.0	100	150	200

Curve Type Legend:

Ave = Average

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 127481

SDG No.: _____

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/11/2012 09:14 Calibration End Date: 09/11/2012 09:14 Calibration ID: 17455

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-127481/9	xf138610.d

ANALYTE	LVL 1									RT WINDOW	AVG RT
Chlordane (technical) Peak 1	3.527									3.457 - 3.597	3.527
Chlordane (technical) Peak 2	3.780									3.710 - 3.850	3.780
Chlordane (technical) Peak 3	4.967									4.897 - 5.037	4.967
Chlordane (technical) Peak 4	6.587									6.517 - 6.657	6.587
Chlordane (technical) Peak 5	6.813									6.743 - 6.883	6.813
Chlordane (technical) Peak 6	6.947									6.877 - 7.017	6.947
Chlordane (technical) Peak 7	7.970									7.900 - 8.040	7.970
Chlordane (technical) Peak 8	8.187									8.117 - 8.257	8.187

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 127481

SDG No.: _____

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/11/2012 09:14 Calibration End Date: 09/11/2012 09:14 Calibration ID: 17455

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-127481/9	xf138610.d

ANALYTE	CF			CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD	
	LVL 1				B	M1	M2									
Chlordane (technical) Peak	159.31			Ave		159.305000							20.0			
Chlordane (technical) Peak	215.97			Ave		215.969000							20.0			
Chlordane (technical) Peak	161.31			Ave		161.313000							20.0			
Chlordane (technical) Peak	494.15			Ave		494.154000							20.0			
Chlordane (technical) Peak	400.82			Ave		400.821000							20.0			
Chlordane (technical) Peak	395.35			Ave		395.348000							20.0			
Chlordane (technical) Peak	76.124			Ave		76.1240000							20.0			
Chlordane (technical) Peak	124.80			Ave		124.804000							20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 127481

SDG No.: _____

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/11/2012 09:14 Calibration End Date: 09/11/2012 09:14 Calibration ID: 17455

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-127481/9	xf138610.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Chlordane (technical) Peak 1	Ave	159305					1000				
Chlordane (technical) Peak 2	Ave	215969					1000				
Chlordane (technical) Peak 3	Ave	161313					1000				
Chlordane (technical) Peak 4	Ave	494154					1000				
Chlordane (technical) Peak 5	Ave	400821					1000				
Chlordane (technical) Peak 6	Ave	395348					1000				
Chlordane (technical) Peak 7	Ave	76124					1000				
Chlordane (technical) Peak 8	Ave	124804					1000				

Curve Type Legend:

Ave = Average

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 127481

SDG No.: _____

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/11/2012 09:14 Calibration End Date: 09/11/2012 09:14 Calibration ID: 17456

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-127481/9	xr138610.d

ANALYTE	LVL 1									RT WINDOW	AVG RT
Chlordane (technical) Peak 1	2.867									2.797 - 2.937	2.867
Chlordane (technical) Peak 2	2.933									2.863 - 3.003	2.933
Chlordane (technical) Peak 3	3.360									3.290 - 3.430	3.360
Chlordane (technical) Peak 4	4.000									3.930 - 4.070	4.000
Chlordane (technical) Peak 5	4.437									4.367 - 4.507	4.437
Chlordane (technical) Peak 6	4.730									4.660 - 4.800	4.730
Chlordane (technical) Peak 7	6.357									6.287 - 6.427	6.357
Chlordane (technical) Peak 8	6.643									6.573 - 6.713	6.643

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 127481

SDG No.: _____

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/11/2012 09:14 Calibration End Date: 09/11/2012 09:14 Calibration ID: 17456

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-127481/9	xr138610.d

ANALYTE	CF			CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD	
	LVL 1				B	M1	M2									
Chlordane (technical) Peak	310.56			Ave		310.558000							20.0			
Chlordane (technical) Peak	437.32			Ave		437.324000							20.0			
Chlordane (technical) Peak	378.84			Ave		378.843000							20.0			
Chlordane (technical) Peak	193.55			Ave		193.552000							20.0			
Chlordane (technical) Peak	1034.9			Ave		1034.89000							20.0			
Chlordane (technical) Peak	1519.4			Ave		1519.44700							20.0			
Chlordane (technical) Peak	220.31			Ave		220.305000							20.0			
Chlordane (technical) Peak	328.79			Ave		328.786000							20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 127481

SDG No.: _____

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/11/2012 09:14 Calibration End Date: 09/11/2012 09:14 Calibration ID: 17456

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-127481/9	xr138610.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Chlordane (technical) Peak 1	Ave	310558					1000				
Chlordane (technical) Peak 2	Ave	437324					1000				
Chlordane (technical) Peak 3	Ave	378843					1000				
Chlordane (technical) Peak 4	Ave	193552					1000				
Chlordane (technical) Peak 5	Ave	1034890					1000				
Chlordane (technical) Peak 6	Ave	1519447					1000				
Chlordane (technical) Peak 7	Ave	220305					1000				
Chlordane (technical) Peak 8	Ave	328786					1000				

Curve Type Legend:

Ave = Average

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 127481

SDG No.: _____

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/11/2012 09:28 Calibration End Date: 09/11/2012 09:28 Calibration ID: 17457

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-127481/10	xf138611.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
Toxaphene Peak 1	8.223										8.153 - 8.293	8.223
Toxaphene Peak 2	8.533										8.463 - 8.603	8.533
Toxaphene Peak 3	8.797										8.727 - 8.867	8.797
Toxaphene Peak 4	8.850										8.780 - 8.920	8.850
Toxaphene Peak 5	9.153										9.083 - 9.223	9.153
Toxaphene Peak 6	9.227										9.157 - 9.297	9.227
Toxaphene Peak 7	9.533										9.463 - 9.603	9.533
Toxaphene Peak 8	9.673										9.603 - 9.743	9.673

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

Analy Batch No.: 127481

SDG No.: _____

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/11/2012 09:28 Calibration End Date: 09/11/2012 09:28 Calibration ID: 17457

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-127481/10	xf138611.d

ANALYTE	CF			CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD	
	LVL 1				B	M1	M2									
Toxaphene Peak 1	137.31			Ave		137.306000							20.0			
Toxaphene Peak 2	125.23			Ave		125.228000							20.0			
Toxaphene Peak 3	102.09			Ave		102.086000							20.0			
Toxaphene Peak 4	88.950			Ave		88.9500000							20.0			
Toxaphene Peak 5	190.38			Ave		190.378000							20.0			
Toxaphene Peak 6	254.37			Ave		254.371000							20.0			
Toxaphene Peak 7	116.93			Ave		116.928000							20.0			
Toxaphene Peak 8	144.60			Ave		144.599000							20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 127481

SDG No.: _____

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/11/2012 09:28 Calibration End Date: 09/11/2012 09:28 Calibration ID: 17457

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-127481/10	xf138611.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Toxaphene Peak 1	Ave	137306					1000				
Toxaphene Peak 2	Ave	125228					1000				
Toxaphene Peak 3	Ave	102086					1000				
Toxaphene Peak 4	Ave	88950					1000				
Toxaphene Peak 5	Ave	190378					1000				
Toxaphene Peak 6	Ave	254371					1000				
Toxaphene Peak 7	Ave	116928					1000				
Toxaphene Peak 8	Ave	144599					1000				

Curve Type Legend:

Ave = Average

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 127481

SDG No.: _____

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/11/2012 09:28 Calibration End Date: 09/11/2012 09:28 Calibration ID: 17458

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-127481/10	xr138611.d

ANALYTE	LVL 1									RT WINDOW	AVG RT
Toxaphene Peak 1	6.940									6.870 - 7.010	6.940
Toxaphene Peak 2	7.410									7.340 - 7.480	7.410
Toxaphene Peak 3	7.490									7.420 - 7.560	7.490
Toxaphene Peak 4	7.647									7.577 - 7.717	7.647
Toxaphene Peak 5	7.897									7.827 - 7.967	7.897
Toxaphene Peak 6	7.997									7.927 - 8.067	7.997
Toxaphene Peak 7	8.307									8.237 - 8.377	8.307
Toxaphene Peak 8	8.480									8.410 - 8.550	8.480

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 127481

SDG No.: _____

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/11/2012 09:28 Calibration End Date: 09/11/2012 09:28 Calibration ID: 17458

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-127481/10	xr138611.d

ANALYTE	CF			CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD	
	LVL 1				B	M1	M2									
Toxaphene Peak 1	282.77			Ave		282.770000							20.0			
Toxaphene Peak 2	378.03			Ave		378.034000							20.0			
Toxaphene Peak 3	338.33			Ave		338.331000							20.0			
Toxaphene Peak 4	442.31			Ave		442.314000							20.0			
Toxaphene Peak 5	324.32			Ave		324.317000							20.0			
Toxaphene Peak 6	569.20			Ave		569.195000							20.0			
Toxaphene Peak 7	330.77			Ave		330.772000							20.0			
Toxaphene Peak 8	230.77			Ave		230.765000							20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 127481

SDG No.: _____

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/11/2012 09:28 Calibration End Date: 09/11/2012 09:28 Calibration ID: 17458

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-127481/10	xr138611.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Toxaphene Peak 1	Ave	282770					1000				
Toxaphene Peak 2	Ave	378034					1000				
Toxaphene Peak 3	Ave	338331					1000				
Toxaphene Peak 4	Ave	442314					1000				
Toxaphene Peak 5	Ave	324317					1000				
Toxaphene Peak 6	Ave	569195					1000				
Toxaphene Peak 7	Ave	330772					1000				
Toxaphene Peak 8	Ave	230765					1000				

Curve Type Legend:

Ave = Average

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 127241

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/10/2012 08:07 Calibration End Date: 09/10/2012 09:11 Calibration ID: 17377

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-127241/5	WF706685.D
Level 2	IC 460-127241/6	WF706686.D
Level 3	IC 460-127241/4	WF706684.D
Level 4	IC 460-127241/7	WF706687.D
Level 5	IC 460-127241/8	WF706688.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
alpha-BHC	3.487	3.557	3.487	3.490	3.487						3.437 - 3.537	3.501
gamma-BHC (Lindane)	4.207	4.277	4.203	4.207	4.207						4.153 - 4.253	4.220
beta-BHC	4.363	4.430	4.360	4.363	4.360						4.310 - 4.410	4.375
delta-BHC	4.953	5.023	4.953	4.957	4.953						4.903 - 5.003	4.968
Heptachlor	5.097	5.167	5.093	5.100	5.097						5.043 - 5.143	5.111
Aldrin	5.783	5.857	5.783	5.787	5.783						5.733 - 5.833	5.799
Heptachlor epoxide	6.637	6.670	6.637	6.637	6.637						6.567 - 6.707	6.643
gamma-Chlordane	6.833	6.863	6.837	6.833	6.837						6.767 - 6.907	6.841
alpha-Chlordane	6.990	7.017	6.993	6.990	6.993						6.923 - 7.063	6.997
Endosulfan I	7.063	7.090	7.063	7.063	7.063						6.993 - 7.133	7.069
4,4'-DDE	7.153	7.177	7.150	7.150	7.150						7.080 - 7.220	7.156
Dieldrin	7.360	7.387	7.360	7.360	7.360						7.290 - 7.430	7.365
Endrin	7.707	7.730	7.707	7.707	7.707						7.637 - 7.777	7.711
4,4'-DDD	7.800	7.820	7.800	7.800	7.797						7.730 - 7.870	7.803
Endosulfan II	7.947	7.970	7.947	7.947	7.947						7.877 - 8.017	7.951
4,4'-DDT	8.163	8.180	8.160	8.160	8.160						8.090 - 8.230	8.165
Endrin aldehyde	8.313	8.327	8.310	8.310	8.310						8.240 - 8.380	8.314
Endosulfan sulfate	8.547	8.560	8.547	8.547	8.547						8.477 - 8.617	8.549
Methoxychlor	8.737	8.743	8.733	8.733	8.733						8.663 - 8.803	8.736
Endrin ketone	8.943	8.953	8.943	8.943	8.940						8.873 - 9.013	8.945
Tetrachloro-m-xylene	2.387	2.430	2.387	2.387	2.387						2.337 - 2.437	2.395
DCB Decachlorobiphenyl	9.940	9.950	9.940	9.940	9.940						9.840 - 10.040	9.942

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 127241

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/10/2012 08:07 Calibration End Date: 09/10/2012 09:11 Calibration ID: 17377

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-127241/5	WF706685.D
Level 2	IC 460-127241/6	WF706686.D
Level 3	IC 460-127241/4	WF706684.D
Level 4	IC 460-127241/7	WF706687.D
Level 5	IC 460-127241/8	WF706688.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4		B	M1	M2								
alpha-BHC	5550.2 5507.2	6599.1	6052.3	5774.9	Ave		5896.74640				7.6		20.0			
gamma-BHC (Lindane)	5164.7 4929.5	5844.2	5471.6	5200.2	Ave		5322.04200				6.6		20.0			
beta-BHC	2353.5 2344.9	2615.3	2603.8	2493.6	Ave		2482.20640				5.3		20.0			
delta-BHC	4122.1 4494.7	5177.0	4774.8	4699.1	Ave		4653.53800				8.3		20.0			
Heptachlor	4849.2 4462.2	5443.2	4833.2	4739.0	Ave		4865.36320				7.4		20.0			
Aldrin	4837.4 4589.0	5554.5	5202.0	4892.8	Ave		5015.14560				7.4		20.0			
Heptachlor epoxide	4010.2 3317.4	4111.2	3830.1	3601.7	Ave		3774.11440				8.5		20.0			
gamma-Chlordane	3907.6 3482.0	4108.8	3836.2	3697.2	Ave		3806.37280				6.2		20.0			
alpha-Chlordane	3767.9 3241.3	3920.2	3583.2	3431.0	Ave		3588.69960				7.5		20.0			
Endosulfan I	3553.8 3131.9	3851.9	3568.0	3361.0	Ave		3493.33280				7.7		20.0			
4,4'-DDE	2990.8 3402.6	4031.9	3692.3	3569.4	Ave		3537.40280				10.8		20.0			
Dieldrin	3776.7 3433.4	4167.4	3876.6	3612.1	Ave		3773.23680				7.3		20.0			
Endrin	3173.4 2809.1	3509.2	3194.5	2988.7	Ave		3134.96560				8.3		20.0			
4,4'-DDD	2372.1 2659.1	2996.4	2740.8	2737.9	Ave		2701.24000				8.3		20.0			
Endosulfan II	3426.2 3061.3	3666.3	3547.9	3185.9	Ave		3377.51760				7.4		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

Analy Batch No.: 127241

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/10/2012 08:07 Calibration End Date: 09/10/2012 09:11 Calibration ID: 17377

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4		B	M1	M2								
4,4'-DDT	2190.1 2701.1	2885.2	2700.9	2684.8	Ave		2632.44840				9.9		20.0			
Endrin aldehyde	2421.9 2196.8	2536.6	2468.7	2216.4	Ave		2368.07400				6.5		20.0			
Endosulfan sulfate	2527.6 2320.0	2679.6	2481.3	2318.2	Ave		2465.34200				6.2		20.0			
Methoxychlor	951.00 1088.2	1171.6	1104.5	1016.4	Ave		1066.34960				8.0		20.0			
Endrin ketone	2788.6 2541.4	2897.5	2728.9	2549.6	Ave		2701.21440				5.7		20.0			
Tetrachloro-m-xylene	4266.5 3908.7	4313.3	4129.1	3975.7	Ave		4118.66567				4.3		20.0			
DCB Decachlorobiphenyl	3060.9 2757.5	3045.2	2899.3	2764.4	Ave		2905.43100				5.0		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

Analy Batch No.: 127241

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/10/2012 08:07 Calibration End Date: 09/10/2012 09:11 Calibration ID: 17377

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-127241/5	WF706685.D
Level 2	IC 460-127241/6	WF706686.D
Level 3	IC 460-127241/4	WF706684.D
Level 4	IC 460-127241/7	WF706687.D
Level 5	IC 460-127241/8	WF706688.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
alpha-BHC	Ave	55502	329957	605229	1443718	2753615	10.0	50.0	100	250	500
gamma-BHC (Lindane)	Ave	51647	292212	547157	1300041	2464768	10.0	50.0	100	250	500
beta-BHC	Ave	23535	130765	260381	623391	1172429	10.0	50.0	100	250	500
delta-BHC	Ave	41221	258850	477482	1174777	2247331	10.0	50.0	100	250	500
Heptachlor	Ave	48492	272162	483315	1184748	2231117	10.0	50.0	100	250	500
Aldrin	Ave	48374	277726	520195	1223210	2294509	10.0	50.0	100	250	500
Heptachlor epoxide	Ave	40102	205560	383013	900419	1658683	10.0	50.0	100	250	500
gamma-Chlordane	Ave	39076	205442	383622	924297	1741008	10.0	50.0	100	250	500
alpha-Chlordane	Ave	37679	196008	358319	857747	1620630	10.0	50.0	100	250	500
Endosulfan I	Ave	35538	192597	356804	840258	1565926	10.0	50.0	100	250	500
4,4'-DDE	Ave	29908	201596	369231	892356	1701280	10.0	50.0	100	250	500
Dieldrin	Ave	37767	208371	387660	903016	1716700	10.0	50.0	100	250	500
Endrin	Ave	31734	175458	319445	747182	1404545	10.0	50.0	100	250	500
4,4'-DDD	Ave	23721	149820	274075	684473	1329529	10.0	50.0	100	250	500
Endosulfan II	Ave	34262	183313	354786	796485	1530664	10.0	50.0	100	250	500
4,4'-DDT	Ave	21901	144261	270094	671211	1350569	10.0	50.0	100	250	500
Endrin aldehyde	Ave	24219	126829	246867	554098	1098414	10.0	50.0	100	250	500
Endosulfan sulfate	Ave	25276	133979	248131	579543	1160024	10.0	50.0	100	250	500
Methoxychlor	Ave	9510	58581	110448	254109	544106	10.0	50.0	100	250	500
Endrin ketone	Ave	27886	144877	272891	637406	1270699	10.0	50.0	100	250	500
Tetrachloro-m-xylene	Ave	106663	215667	412907	596357	781737	25.0	50.0	100	150	200
DCB Decachlorobiphenyl	Ave	76522	152260	289926	414654	551491	25.0	50.0	100	150	200

Curve Type Legend:

Ave = Average

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 127241

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/10/2012 08:07 Calibration End Date: 09/10/2012 09:11 Calibration ID: 17378

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-127241/5	WR706685.D
Level 2	IC 460-127241/6	WR706686.D
Level 3	IC 460-127241/4	WR706684.D
Level 4	IC 460-127241/7	WR706687.D
Level 5	IC 460-127241/8	WR706688.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
alpha-BHC	2.450	2.470	2.447	2.447	2.447						2.397 - 2.497	2.452
gamma-BHC (Lindane)	2.920	2.957	2.917	2.920	2.917						2.867 - 2.967	2.926
beta-BHC	3.087	3.123	3.083	3.087	3.083						3.033 - 3.133	3.093
delta-BHC	3.400	3.437	3.397	3.400	3.397						3.347 - 3.447	3.406
Heptachlor	3.783	3.820	3.780	3.783	3.780						3.730 - 3.830	3.789
Aldrin	4.327	4.367	4.323	4.323	4.323						4.273 - 4.373	4.333
Heptachlor epoxide	5.437	5.487	5.437	5.437	5.437						5.367 - 5.507	5.447
gamma-Chlordane	5.683	5.730	5.687	5.680	5.683						5.617 - 5.757	5.693
alpha-Chlordane	5.950	5.987	5.950	5.947	5.950						5.880 - 6.020	5.957
4,4'-DDE	6.083	6.113	6.083	6.083	6.083						6.013 - 6.153	6.089
Endosulfan I	6.170	6.200	6.170	6.170	6.170						6.100 - 6.240	6.176
Dieldrin	6.473	6.497	6.473	6.473	6.473						6.403 - 6.543	6.478
Endrin	6.717	6.737	6.720	6.717	6.717						6.650 - 6.790	6.721
4,4'-DDD	6.793	6.803	6.790	6.790	6.790						6.720 - 6.860	6.793
Endosulfan II	6.947	6.960	6.947	6.943	6.943						6.877 - 7.017	6.948
4,4'-DDT	7.070	7.083	7.070	7.067	7.067						7.000 - 7.140	7.071
Endrin aldehyde	7.380	7.393	7.377	7.377	7.377						7.307 - 7.447	7.381
Methoxychlor	7.587	7.597	7.583	7.580	7.580						7.513 - 7.653	7.585
Endosulfan sulfate	7.850	7.863	7.850	7.850	7.847						7.780 - 7.920	7.852
Endrin ketone	8.163	8.170	8.160	8.160	8.160						8.090 - 8.230	8.163
Tetrachloro-m-xylene	8.900	8.910	8.897	8.900	8.900						8.847 - 9.047	1.901
DCB Decachlorobiphenyl	8.950	8.953	8.947	8.947	8.943						8.847 - 9.047	8.948

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 127241

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/10/2012 08:07 Calibration End Date: 09/10/2012 09:11 Calibration ID: 17378

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-127241/5	WR706685.D
Level 2	IC 460-127241/6	WR706686.D
Level 3	IC 460-127241/4	WR706684.D
Level 4	IC 460-127241/7	WR706687.D
Level 5	IC 460-127241/8	WR706688.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4		B	M1	M2								
alpha-BHC	5655.6	6222.2	5636.4	5269.1	Ave		5573.93000				7.8		20.0			
	5086.3															
gamma-BHC (Lindane)	5188.3	5703.8	5305.1	4966.1	Ave		5174.14760				7.2		20.0			
	4707.4															
beta-BHC	2559.7	2567.7	2498.6	2385.3	Ave		2452.17800				5.5		20.0			
	2249.6															
delta-BHC	4136.0	5041.1	4676.5	4528.4	Ave		4545.57840				7.5		20.0			
	4345.9															
Heptachlor	5074.1	5222.4	4919.4	4452.6	Ave		4759.93720				9.6		20.0			
	4131.2															
Aldrin	4687.9	5194.3	4814.1	4527.8	Ave		4698.02000				7.3		20.0			
	4266.1															
Heptachlor epoxide	4532.2	4819.4	4449.8	4110.0	Ave		4347.97800				8.9		20.0			
	3828.5															
gamma-Chlordane	4579.0	4918.0	4572.3	4403.2	Ave		4531.85480				5.9		20.0			
	4186.7															
alpha-Chlordane	4418.3	4516.3	4197.2	3935.3	Ave		4185.81360				6.9		20.0			
	3862.0															
4,4'-DDE	2336.5	3359.2	2867.2	3296.1	Ave		2995.06280				13.8		20.0			
	3116.3															
Endosulfan I	5003.0	4609.4	4404.8	4268.0	Ave		4447.34640				8.8		20.0			
	3951.6															
Dieldrin	4014.1	4281.9	4043.8	3863.0	Ave		3970.56320				5.9		20.0			
	3650.0															
Endrin	3413.6	3648.6	3379.6	3147.1	Ave		3305.37840				8.2		20.0			
	2937.9															
4,4'-DDD	2548.9	3263.7	2906.3	3096.1	Ave		2951.51800				9.0		20.0			
	2942.6															
Endosulfan II	4037.9	3946.1	3718.3	3365.9	Ave		3650.62160				10.1		20.0			
	3184.8															

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

Analy Batch No.: 127241

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/10/2012 08:07 Calibration End Date: 09/10/2012 09:11 Calibration ID: 17378

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD	
	LVL 1	LVL 2	LVL 3	LVL 4		B	M1	M2									
4,4'-DDT	3213.2	3683.9	3495.2	3404.5	Ave		3420.34280				5.3		20.0				
	3304.9																
Endrin aldehyde	3000.2	3024.4	2874.1	2664.7	Ave		2817.05200				7.7		20.0				
	2521.9																
Methoxychlor	1403.8	1624.4	1566.8	1588.0	Ave		1541.45800				5.5		20.0				
	1524.2																
Endosulfan sulfate	3001.1	3245.1	3000.5	2790.0	Ave		2937.68600				7.7		20.0				
	2651.7																
Endrin ketone	3449.5	3449.7	3311.7	3031.9	Ave		3223.13560				8.1		20.0				
	2872.9																
Tetrachloro-m-xylene	4789.0	4569.7	4206.6	4237.1	Ave		4396.32400				6.2		20.0				
	4179.2																
DCB Decachlorobiphenyl	3497.6	3316.0	3088.3	2914.8	Ave		3146.85567				8.1		20.0				
	2917.6																

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

Analy Batch No.: 127241

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/10/2012 08:07 Calibration End Date: 09/10/2012 09:11 Calibration ID: 17378

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-127241/5	WR706685.D
Level 2	IC 460-127241/6	WR706686.D
Level 3	IC 460-127241/4	WR706684.D
Level 4	IC 460-127241/7	WR706687.D
Level 5	IC 460-127241/8	WR706688.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
alpha-BHC	Ave	56556	311112	563640	1317280	2543145	10.0	50.0	100	250	500
gamma-BHC (Lindane)	Ave	51883	285190	530513	1241532	2353690	10.0	50.0	100	250	500
beta-BHC	Ave	25597	128386	249862	596322	1124781	10.0	50.0	100	250	500
delta-BHC	Ave	41360	252055	467650	1132106	2172934	10.0	50.0	100	250	500
Heptachlor	Ave	50741	261120	491939	1113148	2065602	10.0	50.0	100	250	500
Aldrin	Ave	46879	259713	481410	1131941	2133038	10.0	50.0	100	250	500
Heptachlor epoxide	Ave	45322	240968	444983	1027509	1914232	10.0	50.0	100	250	500
gamma-Chlordane	Ave	45790	245902	457228	1100811	2093355	10.0	50.0	100	250	500
alpha-Chlordane	Ave	44183	225814	419715	983830	1931009	10.0	50.0	100	250	500
4,4'-DDE	Ave	23365	167959	286717	824029	1558174	10.0	50.0	100	250	500
Endosulfan I	Ave	50030	230468	440480	1066990	1975806	10.0	50.0	100	250	500
Dieldrin	Ave	40141	214095	404381	965742	1825019	10.0	50.0	100	250	500
Endrin	Ave	34136	182432	337961	786778	1468965	10.0	50.0	100	250	500
4,4'-DDD	Ave	25489	163185	290632	774028	1471279	10.0	50.0	100	250	500
Endosulfan II	Ave	40379	197307	371832	841485	1592404	10.0	50.0	100	250	500
4,4'-DDT	Ave	32132	184196	349520	851134	1652429	10.0	50.0	100	250	500
Endrin aldehyde	Ave	30002	151220	287405	666183	1260939	10.0	50.0	100	250	500
Methoxychlor	Ave	14038	81222	156683	397005	762100	10.0	50.0	100	250	500
Endosulfan sulfate	Ave	30011	162255	300052	697501	1325853	10.0	50.0	100	250	500
Endrin ketone	Ave	34495	172484	331171	757965	1436464	10.0	50.0	100	250	500
Tetrachloro-m-xylene	Ave	119726	228484	420662	635568	835832	25.0	50.0	100	150	200
DCB Decachlorobiphenyl	Ave	87440	165800	308831	437222	583511	25.0	50.0	100	150	200

Curve Type Legend:

Ave = Average

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 127241

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/10/2012 09:25 Calibration End Date: 09/10/2012 09:25 Calibration ID: 17383

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-127241/9	WF706689.D

ANALYTE	LVL 1									RT WINDOW	AVG RT
Chlordane (technical) Peak 1	4.803									4.733 - 4.873	4.803
Chlordane (technical) Peak 2	5.097									5.027 - 5.167	5.097
Chlordane (technical) Peak 3	6.067									5.997 - 6.137	6.067
Chlordane (technical) Peak 4	6.833									6.763 - 6.903	6.833
Chlordane (technical) Peak 5	6.930									6.860 - 7.000	6.930
Chlordane (technical) Peak 6	6.990									6.920 - 7.060	6.990
Chlordane (technical) Peak 7	7.787									7.717 - 7.857	7.787
Chlordane (technical) Peak 8	8.003									7.933 - 8.073	8.003

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

Analy Batch No.: 127241

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/10/2012 09:25 Calibration End Date: 09/10/2012 09:25 Calibration ID: 17383

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-127241/9	WF706689.D

ANALYTE	CF			CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD	
	LVL 1				B	M1	M2									
Chlordane (technical) Peak	226.94			Ave		226.936000							20.0			
Chlordane (technical) Peak	277.29			Ave		277.287000							20.0			
Chlordane (technical) Peak	202.97			Ave		202.965000							20.0			
Chlordane (technical) Peak	519.62			Ave		519.623000							20.0			
Chlordane (technical) Peak	418.34			Ave		418.338000							20.0			
Chlordane (technical) Peak	467.71			Ave		467.706000							20.0			
Chlordane (technical) Peak	101.11			Ave		101.111000							20.0			
Chlordane (technical) Peak	157.95			Ave		157.950000							20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 127241

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/10/2012 09:25 Calibration End Date: 09/10/2012 09:25 Calibration ID: 17383

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-127241/9	WF706689.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Chlordane (technical) Peak 1	Ave	226936					1000				
Chlordane (technical) Peak 2	Ave	277287					1000				
Chlordane (technical) Peak 3	Ave	202965					1000				
Chlordane (technical) Peak 4	Ave	519623					1000				
Chlordane (technical) Peak 5	Ave	418338					1000				
Chlordane (technical) Peak 6	Ave	467706					1000				
Chlordane (technical) Peak 7	Ave	101111					1000				
Chlordane (technical) Peak 8	Ave	157950					1000				

Curve Type Legend:

Ave = Average

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 127241

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/10/2012 09:25 Calibration End Date: 09/10/2012 09:25 Calibration ID: 17385

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-127241/9	WR706689.D

ANALYTE	LVL 1									RT WINDOW	AVG RT
Chlordane (technical) Peak 1	3.637									3.567 - 3.707	3.637
Chlordane (technical) Peak 2	3.783									3.713 - 3.853	3.783
Chlordane (technical) Peak 3	4.573									4.503 - 4.643	4.573
Chlordane (technical) Peak 4	5.317									5.247 - 5.387	5.317
Chlordane (technical) Peak 5	5.680									5.610 - 5.750	5.680
Chlordane (technical) Peak 6	5.933									5.863 - 6.003	5.933
Chlordane (technical) Peak 7	6.750									6.680 - 6.820	6.750
Chlordane (technical) Peak 8	6.873									6.803 - 6.943	6.873

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 127241

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/10/2012 09:25 Calibration End Date: 09/10/2012 09:25 Calibration ID: 17385

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-127241/9	WR706689.D

ANALYTE	CF			CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD	
	LVL 1				B	M1	M2									
Chlordane (technical) Peak	204.30			Ave		204.296000							20.0			
Chlordane (technical) Peak	274.24			Ave		274.235000							20.0			
Chlordane (technical) Peak	238.45			Ave		238.450000							20.0			
Chlordane (technical) Peak	121.20			Ave		121.202000							20.0			
Chlordane (technical) Peak	654.16			Ave		654.157000							20.0			
Chlordane (technical) Peak	1034.4			Ave		1034.40000							20.0			
Chlordane (technical) Peak	145.96			Ave		145.962000							20.0			
Chlordane (technical) Peak	242.84			Ave		242.839000							20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 127241

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/10/2012 09:25 Calibration End Date: 09/10/2012 09:25 Calibration ID: 17385

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-127241/9	WR706689.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Chlordane (technical) Peak 1	Ave	204296					1000				
Chlordane (technical) Peak 2	Ave	274235					1000				
Chlordane (technical) Peak 3	Ave	238450					1000				
Chlordane (technical) Peak 4	Ave	121202					1000				
Chlordane (technical) Peak 5	Ave	654157					1000				
Chlordane (technical) Peak 6	Ave	1034400					1000				
Chlordane (technical) Peak 7	Ave	145962					1000				
Chlordane (technical) Peak 8	Ave	242839					1000				

Curve Type Legend:

Ave = Average

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 127241

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/10/2012 09:39 Calibration End Date: 09/10/2012 09:39 Calibration ID: 17384

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-127241/10	WF706690.D

ANALYTE	LVL 1									RT WINDOW	AVG RT
Toxaphene Peak 1	8.037									7.967 - 8.107	8.037
Toxaphene Peak 2	8.317									8.247 - 8.387	8.317
Toxaphene Peak 3	8.393									8.323 - 8.463	8.393
Toxaphene Peak 4	8.540									8.470 - 8.610	8.540
Toxaphene Peak 5	8.727									8.657 - 8.797	8.727
Toxaphene Peak 6	8.773									8.703 - 8.843	8.773
Toxaphene Peak 7	9.017									8.947 - 9.087	9.017
Toxaphene Peak 8	9.150									9.080 - 9.220	9.150

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

Analy Batch No.: 127241

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/10/2012 09:39 Calibration End Date: 09/10/2012 09:39 Calibration ID: 17384

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-127241/10	WF706690.D

ANALYTE	CF			CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD	
	LVL 1				B	M1	M2									
Toxaphene Peak 1	190.04			Ave		190.035000							20.0			
Toxaphene Peak 2	150.79			Ave		150.787000							20.0			
Toxaphene Peak 3	152.85			Ave		152.851000							20.0			
Toxaphene Peak 4	116.06			Ave		116.064000							20.0			
Toxaphene Peak 5	213.70			Ave		213.702000							20.0			
Toxaphene Peak 6	294.10			Ave		294.097000							20.0			
Toxaphene Peak 7	150.02			Ave		150.020000							20.0			
Toxaphene Peak 8	154.77			Ave		154.765000							20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 127241

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/10/2012 09:39 Calibration End Date: 09/10/2012 09:39 Calibration ID: 17384

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-127241/10	WF706690.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Toxaphene Peak 1	Ave	190035					1000				
Toxaphene Peak 2	Ave	150787					1000				
Toxaphene Peak 3	Ave	152851					1000				
Toxaphene Peak 4	Ave	116064					1000				
Toxaphene Peak 5	Ave	213702					1000				
Toxaphene Peak 6	Ave	294097					1000				
Toxaphene Peak 7	Ave	150020					1000				
Toxaphene Peak 8	Ave	154765					1000				

Curve Type Legend:

Ave = Average

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 127241

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/10/2012 09:39 Calibration End Date: 09/10/2012 09:39 Calibration ID: 17386

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-127241/10	WR706690.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
Toxaphene Peak 1	7.003										6.933 - 7.073	7.003
Toxaphene Peak 2	7.287										7.217 - 7.357	7.287
Toxaphene Peak 3	7.350										7.280 - 7.420	7.350
Toxaphene Peak 4	7.487										7.417 - 7.557	7.487
Toxaphene Peak 5	7.737										7.667 - 7.807	7.737
Toxaphene Peak 6	7.837										7.767 - 7.907	7.837
Toxaphene Peak 7	8.140										8.070 - 8.210	8.140
Toxaphene Peak 8	8.290										8.220 - 8.360	8.290

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 127241

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/10/2012 09:39 Calibration End Date: 09/10/2012 09:39 Calibration ID: 17386

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-127241/10	WR706690.D

ANALYTE	CF			CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD	
	LVL 1				B	M1	M2									
Toxaphene Peak 1	160.63			Ave		160.632000							20.0			
Toxaphene Peak 2	250.93			Ave		250.931000							20.0			
Toxaphene Peak 3	212.66			Ave		212.656000							20.0			
Toxaphene Peak 4	283.61			Ave		283.605000							20.0			
Toxaphene Peak 5	218.61			Ave		218.605000							20.0			
Toxaphene Peak 6	341.38			Ave		341.380000							20.0			
Toxaphene Peak 7	191.83			Ave		191.832000							20.0			
Toxaphene Peak 8	112.01			Ave		112.012000							20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 127241

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/10/2012 09:39 Calibration End Date: 09/10/2012 09:39 Calibration ID: 17386

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-127241/10	WR706690.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Toxaphene Peak 1	Ave	160632					1000				
Toxaphene Peak 2	Ave	250931					1000				
Toxaphene Peak 3	Ave	212656					1000				
Toxaphene Peak 4	Ave	283605					1000				
Toxaphene Peak 5	Ave	218605					1000				
Toxaphene Peak 6	Ave	341380					1000				
Toxaphene Peak 7	Ave	191832					1000				
Toxaphene Peak 8	Ave	112012					1000				

Curve Type Legend:

Ave = Average

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 128255

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2012 08:26 Calibration End Date: 09/18/2012 09:21 Calibration ID: 17545

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128255/5	WF706915.D
Level 2	IC 460-128255/6	WF706916.D
Level 3	IC 460-128255/4	WF706914.D
Level 4	IC 460-128255/7	WF706917.D
Level 5	IC 460-128255/8	WF706918.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
alpha-BHC	3.690	3.693	3.690	3.690	3.690						3.640 - 3.740	3.691
gamma-BHC (Lindane)	4.400	4.400	4.400	4.400	4.400						4.350 - 4.450	4.400
beta-BHC	4.550	4.550	4.550	4.547	4.550						4.500 - 4.600	4.549
delta-BHC	5.137	5.140	5.140	5.137	5.140						5.090 - 5.190	5.139
Heptachlor	5.290	5.290	5.293	5.290	5.293						5.243 - 5.343	5.291
Aldrin	5.980	5.980	5.980	5.980	5.980						5.930 - 6.030	5.980
Heptachlor epoxide	6.740	6.740	6.740	6.740	6.740						6.670 - 6.810	6.740
gamma-Chlordane	6.937	6.937	6.937	6.937	6.937						6.867 - 7.007	6.937
alpha-Chlordane	7.093	7.093	7.093	7.093	7.093						7.023 - 7.163	7.093
Endosulfan I	7.167	7.167	7.167	7.167	7.167						7.097 - 7.237	7.167
4,4'-DDE	7.250	7.250	7.250	7.247	7.247						7.180 - 7.320	7.249
Dieldrin	7.470	7.470	7.470	7.470	7.470						7.400 - 7.540	7.470
Endrin	7.823	7.823	7.823	7.823	7.823						7.753 - 7.893	7.823
4,4'-DDD	7.903	7.903	7.903	7.903	7.903						7.833 - 7.973	7.903
Endosulfan II	8.063	8.063	8.063	8.063	8.063						7.993 - 8.133	8.063
4,4'-DDT	8.263	8.263	8.263	8.260	8.260						8.193 - 8.333	8.262
Endrin aldehyde	8.407	8.407	8.407	8.403	8.403						8.337 - 8.477	8.405
Endosulfan sulfate	8.630	8.630	8.630	8.627	8.627						8.560 - 8.700	8.629
Methoxychlor	8.807	8.807	8.807	8.807	8.807						8.737 - 8.877	8.807
Endrin ketone	9.030	9.030	9.030	9.027	9.027						8.960 - 9.100	9.029
Tetrachloro-m-xylene	2.507	2.507	2.507	2.507	2.507						2.457 - 2.557	2.507
DCB Decachlorobiphenyl	10.053	10.053	10.053	10.053	10.053						9.953 - 10.153	10.053

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 128255

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2012 08:26 Calibration End Date: 09/18/2012 09:21 Calibration ID: 17545

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128255/5	WF706915.D
Level 2	IC 460-128255/6	WF706916.D
Level 3	IC 460-128255/4	WF706914.D
Level 4	IC 460-128255/7	WF706917.D
Level 5	IC 460-128255/8	WF706918.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4		B	M1	M2								
alpha-BHC	4211.9 4477.6	4898.1	4862.1	4640.3	Ave		4617.98880				6.2		20.0			
gamma-BHC (Lindane)	3935.2 4021.4	4481.5	4405.2	4173.3	Ave		4203.31920				5.6		20.0			
beta-BHC	2137.8 1914.4	2233.2	2159.6	2011.3	Ave		2091.26200				6.1		20.0			
delta-BHC	3444.2 3834.9	4100.5	4070.3	3932.6	Ave		3876.50760				6.8		20.0			
Heptachlor	4109.1 3880.8	4421.2	4301.0	4037.3	Ave		4149.88240				5.2		20.0			
Aldrin	3547.6 3726.2	4064.9	4069.0	3859.0	Ave		3853.33960				5.8		20.0			
Heptachlor epoxide	2960.4 2813.0	3168.2	3105.3	2876.5	Ave		2984.68000				5.0		20.0			
gamma-Chlordane	2934.3 2880.7	3200.6	3150.7	2933.1	Ave		3019.89040				4.8		20.0			
alpha-Chlordane	2857.0 2693.6	3016.7	2946.1	2753.7	Ave		2853.42000				4.7		20.0			
Endosulfan I	2706.4 2638.1	2936.8	2899.3	2686.3	Ave		2773.37240				4.9		20.0			
4,4'-DDE	2810.7 2849.3	3083.5	3063.9	2885.0	Ave		2938.47520				4.3		20.0			
Dieldrin	2781.3 2906.6	3114.6	3107.8	2948.2	Ave		2971.70640				4.8		20.0			
Endrin	2265.1 2407.4	2581.8	2582.0	2429.6	Ave		2453.17720				5.4		20.0			
4,4'-DDD	1913.4 2168.5	2230.0	2226.8	2163.1	Ave		2140.35360				6.1		20.0			
Endosulfan II	2437.7 2448.7	2658.3	2631.6	2479.9	Ave		2531.23000				4.2		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

Analy Batch No.: 128255

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2012 08:26 Calibration End Date: 09/18/2012 09:21 Calibration ID: 17545

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4		B	M1	M2								
4,4'-DDT	1996.1 2205.4	2233.1	2230.9	2167.3	Ave		2166.54520				4.6		20.0			
Endrin aldehyde	1762.2 1768.8	1913.3	1924.4	1771.6	Ave		1828.04400				4.5		20.0			
Endosulfan sulfate	1886.7 1938.5	2089.8	2059.9	1929.1	Ave		1980.79560				4.5		20.0			
Methoxychlor	898.40 947.44	1025.3	977.11	933.00	Ave		956.250000				5.0		20.0			
Endrin ketone	2160.9 2111.4	2263.4	2211.2	2067.7	Ave		2162.91240				3.6		20.0			
Tetrachloro-m-xylene	3624.8 3434.3	3663.4	3581.2	3480.7	Ave		3556.89333				2.7		20.0			
DCB Decachlorobiphenyl	2535.8 2383.6	2599.1	2558.9	2425.1	Ave		2500.48267				3.7		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

Analy Batch No.: 128255

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2012 08:26 Calibration End Date: 09/18/2012 09:21 Calibration ID: 17545

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128255/5	WF706915.D
Level 2	IC 460-128255/6	WF706916.D
Level 3	IC 460-128255/4	WF706914.D
Level 4	IC 460-128255/7	WF706917.D
Level 5	IC 460-128255/8	WF706918.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
alpha-BHC	Ave	42119	244904	486205	1160085	2238787	10.0	50.0	100	250	500
gamma-BHC (Lindane)	Ave	39352	224076	440522	1043321	2010686	10.0	50.0	100	250	500
beta-BHC	Ave	21378	111660	215956	502828	957219	10.0	50.0	100	250	500
delta-BHC	Ave	34442	205027	407028	983158	1917443	10.0	50.0	100	250	500
Heptachlor	Ave	41091	221061	430096	1009328	1940410	10.0	50.0	100	250	500
Aldrin	Ave	35476	203244	406902	964744	1863111	10.0	50.0	100	250	500
Heptachlor epoxide	Ave	29604	158408	310531	719124	1406517	10.0	50.0	100	250	500
gamma-Chlordane	Ave	29343	160029	315074	733273	1440370	10.0	50.0	100	250	500
alpha-Chlordane	Ave	28570	150837	294609	688428	1346779	10.0	50.0	100	250	500
Endosulfan I	Ave	27064	146842	289925	671565	1319056	10.0	50.0	100	250	500
4,4'-DDE	Ave	28107	154175	306393	721246	1424631	10.0	50.0	100	250	500
Dieldrin	Ave	27813	155732	310784	737048	1453280	10.0	50.0	100	250	500
Endrin	Ave	22651	129091	258200	607390	1203703	10.0	50.0	100	250	500
4,4'-DDD	Ave	19134	111500	222679	540775	1084239	10.0	50.0	100	250	500
Endosulfan II	Ave	24377	132916	263157	619970	1224340	10.0	50.0	100	250	500
4,4'-DDT	Ave	19961	111653	223093	541817	1102684	10.0	50.0	100	250	500
Endrin aldehyde	Ave	17622	95665	192437	442888	884399	10.0	50.0	100	250	500
Endosulfan sulfate	Ave	18867	104492	205985	482280	969234	10.0	50.0	100	250	500
Methoxychlor	Ave	8984	51265	97711	233249	473722	10.0	50.0	100	250	500
Endrin ketone	Ave	21609	113168	221124	516921	1055689	10.0	50.0	100	250	500
Tetrachloro-m-xylene	Ave	90621	183170	358124	522109	686852	25.0	50.0	100	150	200
DCB Decachlorobiphenyl	Ave	63395	129953	255890	363764	476712	25.0	50.0	100	150	200

Curve Type Legend:

Ave = Average

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 128255

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2012 08:26 Calibration End Date: 09/18/2012 09:21 Calibration ID: 17544

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128255/5	WR706915.D
Level 2	IC 460-128255/6	WR706916.D
Level 3	IC 460-128255/4	WR706914.D
Level 4	IC 460-128255/7	WR706917.D
Level 5	IC 460-128255/8	WR706918.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
alpha-BHC	2.477	2.477	2.480	2.477	2.477						2.430 - 2.530	2.477
gamma-BHC (Lindane)	2.967	2.967	2.970	2.967	2.967						2.920 - 3.020	2.967
beta-BHC	3.127	3.127	3.130	3.127	3.127						3.080 - 3.180	3.127
delta-BHC	3.437	3.437	3.437	3.433	3.437						3.387 - 3.487	3.436
Heptachlor	3.817	3.817	3.817	3.817	3.817						3.767 - 3.867	3.817
Aldrin	4.347	4.347	4.347	4.343	4.347						4.297 - 4.397	4.346
Heptachlor epoxide	5.437	5.437	5.440	5.437	5.437						5.370 - 5.510	5.437
gamma-Chlordane	5.677	5.677	5.677	5.673	5.673						5.607 - 5.747	5.675
alpha-Chlordane	5.933	5.933	5.933	5.933	5.933						5.863 - 6.003	5.933
4,4'-DDE	6.060	6.060	6.060	6.060	6.060						5.990 - 6.130	6.060
Endosulfan I	6.160	6.157	6.160	6.157	6.157						6.090 - 6.230	6.158
Dieldrin	6.463	6.463	6.463	6.463	6.463						6.393 - 6.533	6.463
Endrin	6.707	6.707	6.710	6.707	6.707						6.640 - 6.780	6.707
4,4'-DDD	6.767	6.767	6.767	6.767	6.767						6.697 - 6.837	6.767
Endosulfan II	6.930	6.930	6.933	6.930	6.930						6.863 - 7.003	6.931
4,4'-DDT	7.050	7.050	7.050	7.050	7.050						6.980 - 7.120	7.050
Endrin aldehyde	7.367	7.367	7.367	7.367	7.367						7.297 - 7.437	7.367
Methoxychlor	7.567	7.567	7.567	7.563	7.563						7.497 - 7.637	7.565
Endosulfan sulfate	7.843	7.843	7.843	7.843	7.843						7.773 - 7.913	7.843
Endrin ketone	8.160	8.160	8.160	8.157	8.157						8.090 - 8.230	8.159
Tetrachloro-m-xylene	8.913	8.913	8.917	8.913	8.913						1.867 - 1.967	1.914
DCB Decachlorobiphenyl	8.950	8.950	8.950	8.950	8.950						8.850 - 9.050	8.950

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 128255

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2012 08:26 Calibration End Date: 09/18/2012 09:21 Calibration ID: 17544

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128255/5	WR706915.D
Level 2	IC 460-128255/6	WR706916.D
Level 3	IC 460-128255/4	WR706914.D
Level 4	IC 460-128255/7	WR706917.D
Level 5	IC 460-128255/8	WR706918.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4		B	M1	M2								
alpha-BHC	5189.7 4823.7	5611.3	5432.6	4989.4	Ave		5209.35760				6.1		20.0			
gamma-BHC (Lindane)	4893.6 4573.4	5332.0	5173.2	4799.7	Ave		4954.36400				6.1		20.0			
beta-BHC	2549.5 2139.9	2577.3	2443.6	2265.1	Ave		2395.06960				7.9		20.0			
delta-BHC	4213.9 4268.5	4802.1	4711.1	4379.9	Ave		4475.09760				5.9		20.0			
Heptachlor	4730.6 4046.5	4954.6	4797.1	4321.2	Ave		4569.97400				8.2		20.0			
Aldrin	4227.4 4020.2	4710.0	4628.2	4237.6	Ave		4364.68400				6.7		20.0			
Heptachlor epoxide	4125.6 3562.6	4359.2	4228.0	3808.6	Ave		4016.81000				8.1		20.0			
gamma-Chlordane	4155.0 3762.3	4433.5	4324.9	3959.5	Ave		4127.05640				6.6		20.0			
alpha-Chlordane	4124.9 3554.5	4269.2	4130.0	3758.7	Ave		3967.44400				7.5		20.0			
4,4'-DDE	3674.6 3503.3	4101.8	4035.1	3677.2	Ave		3798.42280				6.8		20.0			
Endosulfan I	3620.2 3160.8	3828.5	3728.9	3371.1	Ave		3541.89160				7.7		20.0			
Dieldrin	3673.3 3290.5	3920.7	3822.0	3464.3	Ave		3634.15760				7.1		20.0			
Endrin	3186.0 2775.6	3392.8	3258.6	2892.8	Ave		3101.13880				8.3		20.0			
4,4'-DDD	3004.3 2897.0	3294.6	3231.3	2986.2	Ave		3082.71000				5.5		20.0			
Endosulfan II	3284.0 2757.7	3362.4	3218.5	2896.5	Ave		3103.82040				8.5		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

Analy Batch No.: 128255

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2012 08:26 Calibration End Date: 09/18/2012 09:21 Calibration ID: 17544

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD	
	LVL 1	LVL 2	LVL 3	LVL 4		B	M1	M2									
4,4'-DDT	3127.1	3349.9	3269.4	3003.9	Ave		3133.01920				5.8		20.0				
	2914.8																
Endrin aldehyde	2604.5	2695.9	2633.9	2314.1	Ave		2493.48840				8.5		20.0				
	2219.0																
Methoxychlor	1774.9	1792.8	1699.3	1509.9	Ave		1643.96880				9.7		20.0				
	1443.0																
Endosulfan sulfate	2832.5	2949.7	2840.2	2576.0	Ave		2731.17440				7.5		20.0				
	2457.5																
Endrin ketone	2992.3	3065.7	2984.0	2668.0	Ave		2859.78600				7.5		20.0				
	2589.0																
Tetrachloro-m-xylene	4031.9	4116.1	4004.2	3854.8	Ave		3960.78133				3.3		20.0				
	3796.9																
DCB Decachlorobiphenyl	2874.2	2863.6	2766.8	2564.3	Ave		2723.61733				5.8		20.0				
	2549.2																

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

Analy Batch No.: 128255

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2012 08:26 Calibration End Date: 09/18/2012 09:21 Calibration ID: 17544

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128255/5	WR706915.D
Level 2	IC 460-128255/6	WR706916.D
Level 3	IC 460-128255/4	WR706914.D
Level 4	IC 460-128255/7	WR706917.D
Level 5	IC 460-128255/8	WR706918.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
alpha-BHC	Ave	51897	280563	543264	1247362	2411870	10.0	50.0	100	250	500
gamma-BHC (Lindane)	Ave	48936	266598	517316	1199916	2286718	10.0	50.0	100	250	500
beta-BHC	Ave	25495	128864	244357	566280	1069939	10.0	50.0	100	250	500
delta-BHC	Ave	42139	240103	471114	1094982	2134230	10.0	50.0	100	250	500
Heptachlor	Ave	47306	247728	479708	1080291	2023233	10.0	50.0	100	250	500
Aldrin	Ave	42274	235502	462822	1059388	2010104	10.0	50.0	100	250	500
Heptachlor epoxide	Ave	41256	217960	422800	952160	1781305	10.0	50.0	100	250	500
gamma-Chlordane	Ave	41550	221677	432494	989883	1881135	10.0	50.0	100	250	500
alpha-Chlordane	Ave	41249	213459	412996	939679	1777232	10.0	50.0	100	250	500
4,4'-DDE	Ave	36746	205092	403514	919297	1751673	10.0	50.0	100	250	500
Endosulfan I	Ave	36202	191423	372889	842769	1580416	10.0	50.0	100	250	500
Dieldrin	Ave	36733	196036	382197	866065	1645269	10.0	50.0	100	250	500
Endrin	Ave	31860	169638	325857	723195	1387792	10.0	50.0	100	250	500
4,4'-DDD	Ave	30043	164732	323134	746558	1448519	10.0	50.0	100	250	500
Endosulfan II	Ave	32840	168119	321850	724121	1378869	10.0	50.0	100	250	500
4,4'-DDT	Ave	31271	167493	326944	750970	1457408	10.0	50.0	100	250	500
Endrin aldehyde	Ave	26045	134796	263392	578533	1109485	10.0	50.0	100	250	500
Methoxychlor	Ave	17749	89640	169927	377479	721479	10.0	50.0	100	250	500
Endosulfan sulfate	Ave	28325	147483	284024	643998	1228740	10.0	50.0	100	250	500
Endrin ketone	Ave	29923	153284	298398	666999	1294487	10.0	50.0	100	250	500
Tetrachloro-m-xylene	Ave	100798	205803	400421	578221	759382	25.0	50.0	100	150	200
DCB Decachlorobiphenyl	Ave	71856	143181	276676	384646	509832	25.0	50.0	100	150	200

Curve Type Legend:

Ave = Average

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 128255

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2012 09:35 Calibration End Date: 09/18/2012 09:35 Calibration ID: 17546

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128255/9	WF706919.D

ANALYTE	LVL 1									RT WINDOW	AVG RT
Chlordane (technical) Peak 1	4.997									4.927 - 5.067	4.997
Chlordane (technical) Peak 2	5.290									5.220 - 5.360	5.290
Chlordane (technical) Peak 3	6.213									6.143 - 6.283	6.213
Chlordane (technical) Peak 4	6.937									6.867 - 7.007	6.937
Chlordane (technical) Peak 5	7.030									6.960 - 7.100	7.030
Chlordane (technical) Peak 6	7.093									7.023 - 7.163	7.093
Chlordane (technical) Peak 7	7.900									7.830 - 7.970	7.900
Chlordane (technical) Peak 8	8.120									8.050 - 8.190	8.120

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 128255

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2012 09:35 Calibration End Date: 09/18/2012 09:35 Calibration ID: 17546

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128255/9	WF706919.D

ANALYTE	CF			CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD	
	LVL 1				B	M1	M2									
Chlordane (technical) Peak	179.05			Ave		179.048000							20.0			
Chlordane (technical) Peak	230.68			Ave		230.675000							20.0			
Chlordane (technical) Peak	145.76			Ave		145.760000							20.0			
Chlordane (technical) Peak	394.09			Ave		394.091000							20.0			
Chlordane (technical) Peak	323.61			Ave		323.611000							20.0			
Chlordane (technical) Peak	337.85			Ave		337.854000							20.0			
Chlordane (technical) Peak	69.311			Ave		69.311000							20.0			
Chlordane (technical) Peak	109.82			Ave		109.820000							20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 128255

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2012 09:35 Calibration End Date: 09/18/2012 09:35 Calibration ID: 17546

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128255/9	WF706919.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Chlordane (technical) Peak 1	Ave	179048					1000				
Chlordane (technical) Peak 2	Ave	230675					1000				
Chlordane (technical) Peak 3	Ave	145760					1000				
Chlordane (technical) Peak 4	Ave	394091					1000				
Chlordane (technical) Peak 5	Ave	323611					1000				
Chlordane (technical) Peak 6	Ave	337854					1000				
Chlordane (technical) Peak 7	Ave	69311					1000				
Chlordane (technical) Peak 8	Ave	109820					1000				

Curve Type Legend:

Ave = Average

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 128255

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2012 09:35 Calibration End Date: 09/18/2012 09:35 Calibration ID: 17547

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128255/9	WR706919.D

ANALYTE	LVL 1									RT WINDOW	AVG RT
Chlordane (technical) Peak 1	3.670									3.600 - 3.740	3.670
Chlordane (technical) Peak 2	3.813									3.743 - 3.883	3.813
Chlordane (technical) Peak 3	4.583									4.513 - 4.653	4.583
Chlordane (technical) Peak 4	5.313									5.243 - 5.383	5.313
Chlordane (technical) Peak 5	5.673									5.603 - 5.743	5.673
Chlordane (technical) Peak 6	5.917									5.847 - 5.987	5.917
Chlordane (technical) Peak 7	6.737									6.667 - 6.807	6.737
Chlordane (technical) Peak 8	6.863									6.793 - 6.933	6.863

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

Analy Batch No.: 128255

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2012 09:35 Calibration End Date: 09/18/2012 09:35 Calibration ID: 17547

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128255/9	WR706919.D

ANALYTE	CF			CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD	
	LVL 1				B	M1	M2									
Chlordane (technical) Peak	181.61			Ave		181.610000							20.0			
Chlordane (technical) Peak	250.99			Ave		250.993000							20.0			
Chlordane (technical) Peak	214.14			Ave		214.137000							20.0			
Chlordane (technical) Peak	108.36			Ave		108.362000							20.0			
Chlordane (technical) Peak	582.41			Ave		582.409000							20.0			
Chlordane (technical) Peak	881.54			Ave		881.536000							20.0			
Chlordane (technical) Peak	125.94			Ave		125.941000							20.0			
Chlordane (technical) Peak	180.93			Ave		180.930000							20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 128255

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2012 09:35 Calibration End Date: 09/18/2012 09:35 Calibration ID: 17547

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128255/9	WR706919.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Chlordane (technical) Peak 1	Ave	181610					1000				
Chlordane (technical) Peak 2	Ave	250993					1000				
Chlordane (technical) Peak 3	Ave	214137					1000				
Chlordane (technical) Peak 4	Ave	108362					1000				
Chlordane (technical) Peak 5	Ave	582409					1000				
Chlordane (technical) Peak 6	Ave	881536					1000				
Chlordane (technical) Peak 7	Ave	125941					1000				
Chlordane (technical) Peak 8	Ave	180930					1000				

Curve Type Legend:

Ave = Average

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 128255

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2012 09:49 Calibration End Date: 09/18/2012 09:49 Calibration ID: 17548

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128255/10	WF706920.D

ANALYTE	LVL 1									RT WINDOW	AVG RT
Toxaphene Peak 1	8.153									8.083 - 8.223	8.153
Toxaphene Peak 2	8.347									8.277 - 8.417	8.347
Toxaphene Peak 3	8.410									8.340 - 8.480	8.410
Toxaphene Peak 4	8.530									8.460 - 8.600	8.530
Toxaphene Peak 5	8.590									8.520 - 8.660	8.590
Toxaphene Peak 6	8.807									8.737 - 8.877	8.807
Toxaphene Peak 7	9.063									8.993 - 9.133	9.063
Toxaphene Peak 8	9.203									9.133 - 9.273	9.203

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 128255

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2012 09:49 Calibration End Date: 09/18/2012 09:49 Calibration ID: 17548

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128255/10	WF706920.D

ANALYTE	CF			CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD	
	LVL 1				B	M1	M2									
Toxaphene Peak 1	129.85			Ave		129.849000							20.0			
Toxaphene Peak 2	60.996			Ave		60.9960000							20.0			
Toxaphene Peak 3	115.15			Ave		115.154000							20.0			
Toxaphene Peak 4	33.607			Ave		33.6070000							20.0			
Toxaphene Peak 5	91.736			Ave		91.7360000							20.0			
Toxaphene Peak 6	172.33			Ave		172.329000							20.0			
Toxaphene Peak 7	56.990			Ave		56.9900000							20.0			
Toxaphene Peak 8	38.646			Ave		38.6460000							20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 128255

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2012 09:49 Calibration End Date: 09/18/2012 09:49 Calibration ID: 17548

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128255/10	WF706920.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Toxaphene Peak 1	Ave	129849					1000				
Toxaphene Peak 2	Ave	60996					1000				
Toxaphene Peak 3	Ave	115154					1000				
Toxaphene Peak 4	Ave	33607					1000				
Toxaphene Peak 5	Ave	91736					1000				
Toxaphene Peak 6	Ave	172329					1000				
Toxaphene Peak 7	Ave	56990					1000				
Toxaphene Peak 8	Ave	38646					1000				

Curve Type Legend:

Ave = Average

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 128255

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2012 09:49 Calibration End Date: 09/18/2012 09:49 Calibration ID: 17549

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128255/10	WR706920.D

ANALYTE	LVL 1									RT WINDOW	AVG RT
Toxaphene Peak 1	6.990									6.920 - 7.060	6.990
Toxaphene Peak 2	7.273									7.203 - 7.343	7.273
Toxaphene Peak 3	7.340									7.270 - 7.410	7.340
Toxaphene Peak 4	7.477									7.407 - 7.547	7.477
Toxaphene Peak 5	7.730									7.660 - 7.800	7.730
Toxaphene Peak 6	7.830									7.760 - 7.900	7.830
Toxaphene Peak 7	8.137									8.067 - 8.207	8.137
Toxaphene Peak 8	8.287									8.217 - 8.357	8.287

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 128255

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2012 09:49 Calibration End Date: 09/18/2012 09:49 Calibration ID: 17549

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128255/10	WR706920.D

ANALYTE	CF			CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD	
	LVL 1				B	M1	M2									
Toxaphene Peak 1	137.31			Ave		137.308000							20.0			
Toxaphene Peak 2	205.75			Ave		205.752000							20.0			
Toxaphene Peak 3	179.66			Ave		179.655000							20.0			
Toxaphene Peak 4	149.98			Ave		149.978000							20.0			
Toxaphene Peak 5	180.70			Ave		180.702000							20.0			
Toxaphene Peak 6	308.64			Ave		308.643000							20.0			
Toxaphene Peak 7	159.50			Ave		159.495000							20.0			
Toxaphene Peak 8	105.14			Ave		105.140000							20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44405-1 Analy Batch No.: 128255

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2012 09:49 Calibration End Date: 09/18/2012 09:49 Calibration ID: 17549

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128255/10	WR706920.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Toxaphene Peak 1	Ave	137308					1000				
Toxaphene Peak 2	Ave	205752					1000				
Toxaphene Peak 3	Ave	179655					1000				
Toxaphene Peak 4	Ave	149978					1000				
Toxaphene Peak 5	Ave	180702					1000				
Toxaphene Peak 6	Ave	308643					1000				
Toxaphene Peak 7	Ave	159495					1000				
Toxaphene Peak 8	Ave	105140					1000				

Curve Type Legend:

Ave = Average

FORM VII
PESTICIDES PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Lab Sample ID: PEM 460-127690/3 Calibration Date: 09/12/2012 07:33
Instrument ID: PESTGC1 Calib Start Date: 09/11/2012 08:05
GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 09/11/2012 09:00
Lab File ID: xf138643.d Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	7.88	628871	5.14	15	
Endrin aldehyde	8.53	13163			
Endrin ketone	9.45	20883			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4, 4'-DDT	8.36	559672	6.98	15	
4, 4'-DDD	7.99	15566			
4, 4'-DDE	7.25	26444			

Data File: xf138643.d
Report Date: 13-Sep-2012 10:32

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Sep12/09-12-12/12sep12a.b/xf138643.d
Lab Smp Id: SGDDT/EI_00018
Inj Date : 12-SEP-2012 07:33
Operator : Inst ID: PESTGC1.i
Smp Info : SGDDT/EI_00018
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Sep12/09-12-12/12sep12a.b/09Xf8081.m
Meth Date : 13-Sep-2012 09:23 ferdie Quant Type: ESTD
Cal Date : 11-SEP-2012 09:28 Cal File: xf138611.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: END_DDT.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

CONCENTRATIONS						
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO
7.990	7.990	0.000	15566	6.55571	4.4 80.00- 120.00	100.00(a)
7.253	7.250	0.003	26444	8.58318	5.7 80.00- 120.00	100.00(a)
8.360	8.360	0.000	559672	225.467	150 80.00- 120.00	100.00
7.883	7.883	0.000	628871	241.316	160 80.00- 120.00	100.00
8.530	8.530	0.000	13163	6.32462	4.2 80.00- 120.00	100.00(a)

Data File: xf138643.d
Report Date: 13-Sep-2012 10:32

RT	EXP RT	DLT RT	CONCENTRATIONS			TARGET RANGE	RATIO
			ON-COL	FINAL			
			=====	=====	=====		
16	Endrin ketone			CAS #:	53494-70-5		
9.450	9.450	0.000	20883	8.62263	5.7	80.00- 120.00	100.00(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: xf138643.d

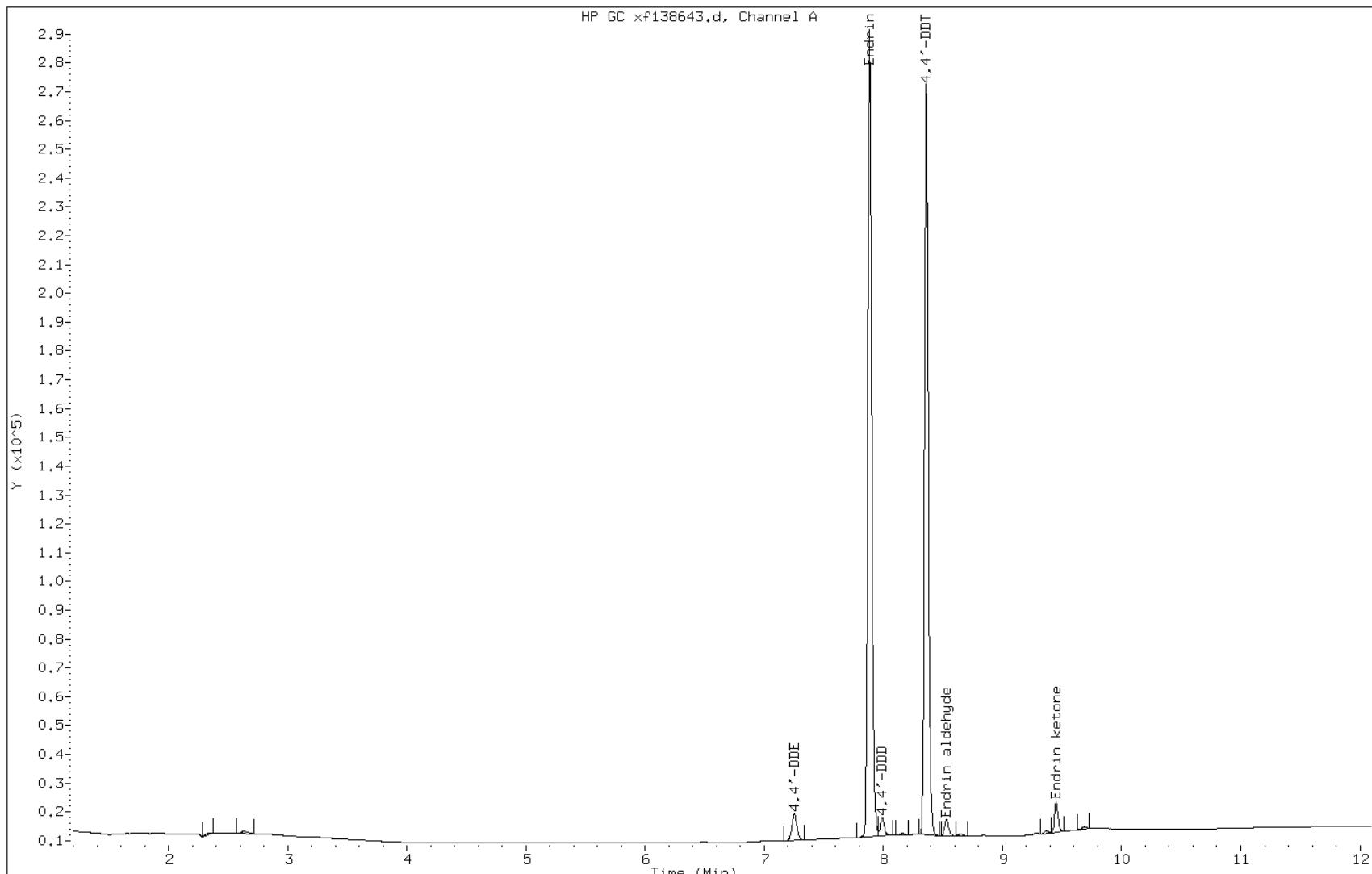
Date: 12-SEP-2012 07:33

Client ID:

Instrument: PESTGC1.i

Sample Info: SGDDT/EI_00018

Operator:



FORM VII
PESTICIDES PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Lab Sample ID: PEM 460-127690/3 Calibration Date: 09/12/2012 07:33
Instrument ID: PESTGC1 Calib Start Date: 09/11/2012 08:05
GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 09/11/2012 09:00
Lab File ID: xr138643.d Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	6.28	1368317	4.66	15	
Endrin aldehyde	7.53	25760			
Endrin ketone	8.33	41110			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4, 4'-DDT	7.09	1194737	7.08	15	
4, 4'-DDD	6.46	32297			
4, 4'-DDE	4.96	58769			

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Sep12/09-12-12/12sep12a.b/xr138643.d
Lab Smp Id: SGDDT/EI_00018
Inj Date : 12-SEP-2012 07:33
Operator : Inst ID: PESTGC1.i
Smp Info : SGDDT/EI_00018
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Sep12/09-12-12/12sep12a.b/09Xr8081.m
Meth Date : 13-Sep-2012 09:20 ferdie Quant Type: ESTD
Cal Date : 11-SEP-2012 09:28 Cal File: xr138611.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: END_DDT.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

CONCENTRATIONS									
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO		
==	=====	=====	=====	=====	=====	=====	=====	====	====
<hr/>									
7	4,4'-DDD				CAS #: 72-54-8				
6.463	6.460	0.003	32297	5.75540	3.8	80.00- 120.00	100.00(a)		
<hr/>									
8	4,4'-DDE				CAS #: 72-55-9				
4.960	4.957	0.003	58769	8.83277	5.9	80.00- 120.00	100.00(a)		
<hr/>									
9	4,4'-DDT				CAS #: 50-29-3				
7.090	7.087	0.003	1194737	207.109	140	80.00- 120.00	100.00		
<hr/>									
14	Endrin				CAS #: 72-20-8				
6.277	6.270	0.007	1368317	217.526	140	80.00- 120.00	100.00		
<hr/>									
15	Endrin aldehyde				CAS #: 7421-93-4				
7.527	7.520	0.007	25760	6.32973	4.2	80.00- 120.00	100.00(a)		
<hr/>									

RT	EXP RT	DLT RT	CONCENTRATIONS				RATIO
			RESPONSE (ug/L)		ON-COL FINAL		
			=====	=====	=====	=====	
16	Endrin ketone			CAS #:	53494-70-5		
8.333	8.330	0.003	41110	8.44748	5.6	80.00- 120.00	100.00(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: xr138643.d

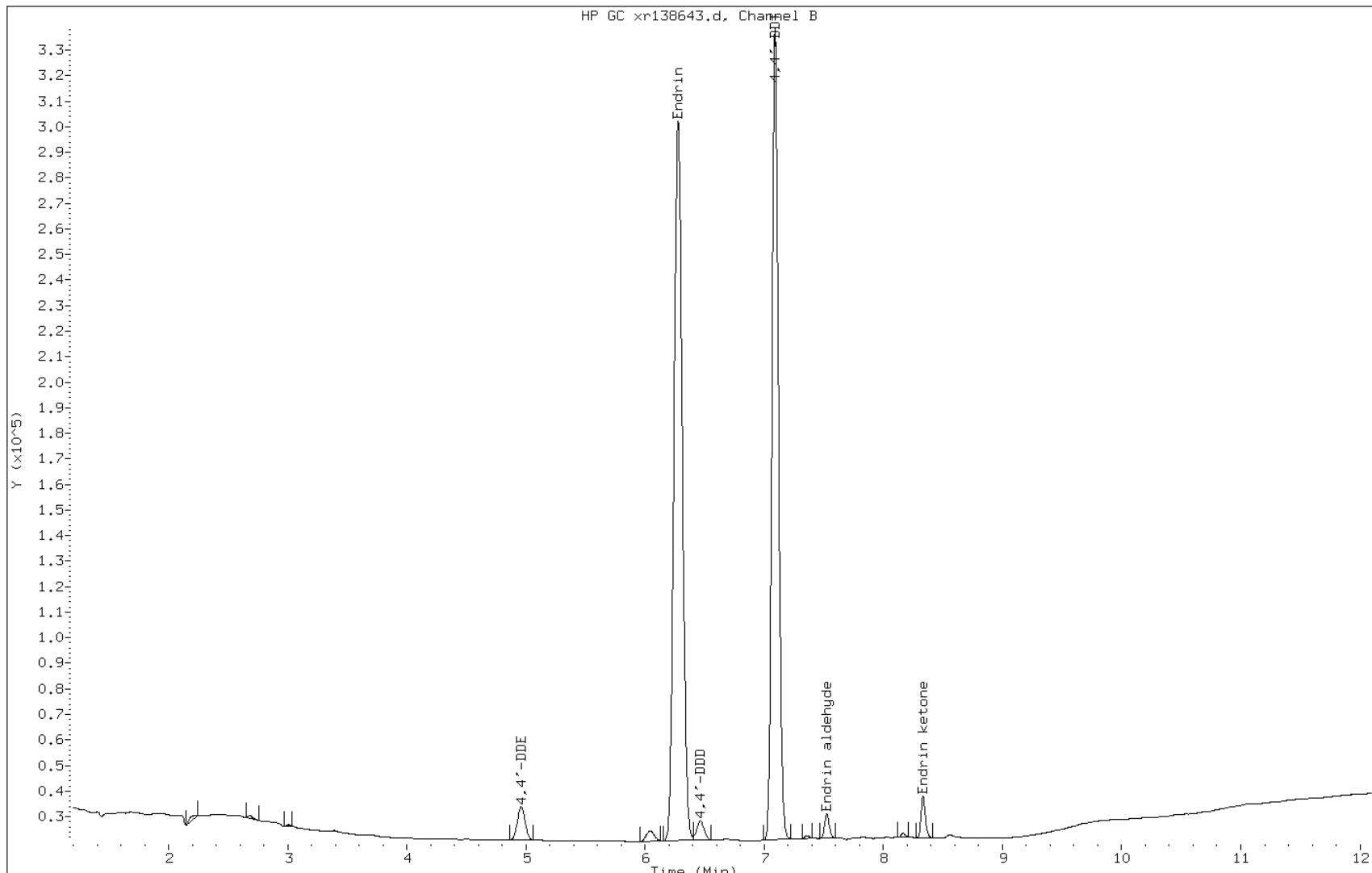
Date: 12-SEP-2012 07:33

Client ID:

Instrument: PESTGC1.i

Sample Info: SGDDT/EI_00018

Operator:



FORM VII
PESTICIDES PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Lab Sample ID: PEM 460-127675/2 Calibration Date: 09/12/2012 11:00
Instrument ID: PESTGC4 Calib Start Date: 09/10/2012 08:07
GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 09/10/2012 09:11
Lab File ID: WF706754.D Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	7.71	740743	10.23	15	
Endrin aldehyde	8.31	41427			
Endrin ketone	8.94	42995			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4, 4'-DDT	8.16	675605	8.70	15	
4, 4'-DDD	7.81	28718			
4, 4'-DDE	7.16	35695			

Data File: WF706754.D
Report Date: 13-Sep-2012 08:49

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Sep12/09-12-12/12sep12b.b/WF706754.D
Lab Smp Id: SGDDT/Ei_00018
Inj Date : 12-SEP-2012 11:00
Operator : Inst ID: PESTGC4.i
Smp Info : SGDDT/Ei_00018
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Sep12/09-12-12/12sep12b.b/08Wf8081.m
Meth Date : 13-Sep-2012 08:49 ferdie Quant Type: ESTD
Cal Date : 10-SEP-2012 09:39 Cal File: WF706690.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: END_DDT.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	100.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

CONCENTRATIONS									
ON-COL				FINAL					
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/l)	TARGET RANGE	RATIO			
==	=====	=====	=====	=====	=====	=====	====		
7 4,4'-DDD									
7.807	7.803	0.004	28718	10.6314	0.53	80.00-	120.00	100.00	
8 4,4'-DDE									
7.157	7.153	0.004	35695	10.0907	0.50	80.00-	120.00	100.00	
9 4,4'-DDT									
8.163	8.163	0.000	675605	256.645	13	80.00-	120.00	100.00	
14 Endrin									
7.707	7.707	0.000	740743	236.284	12	80.00-	120.00	100.00	
15 Endrin aldehyde									
8.313	8.310	0.003	41427	17.4940	0.87	80.00-	120.00	100.00	

Data File: WF706754.D
Report Date: 13-Sep-2012 08:49

RT	EXP RT	DLT RT	CONCENTRATIONS			TARGET RANGE	RATIO
			ON-COL		FINAL		
			RESPONSE (ug/L)	(ug/l)	=====		
16	Endrin ketone			CAS #:	53494-70-5		
8.943	8.943	0.000	42995	15.9169	0.80	80.00- 120.00	100.00

Data File: WF706754.D

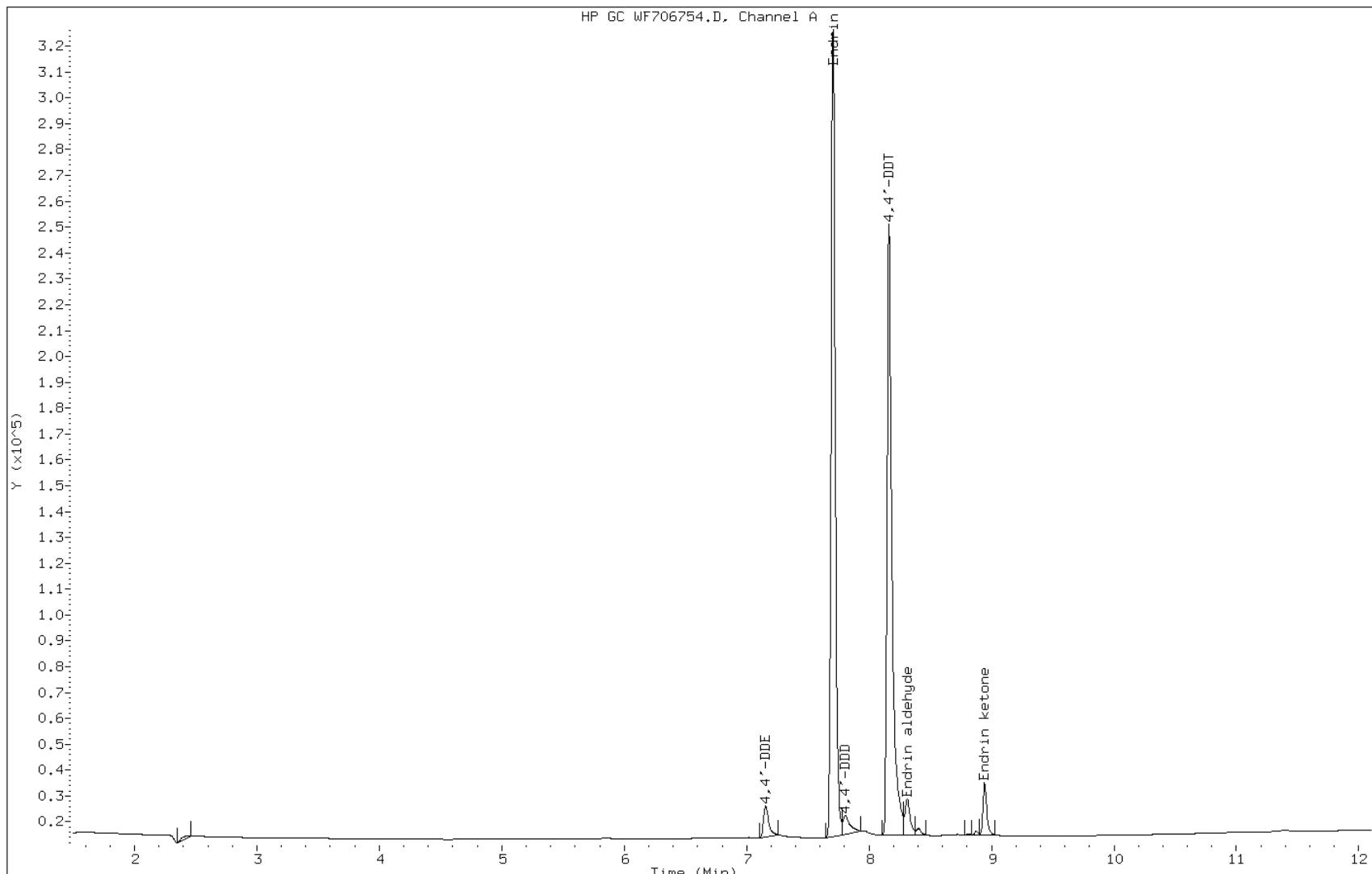
Date: 12-SEP-2012 11:00

Client ID:

Instrument: PESTGC4.i

Sample Info: SGDDT/Ei_00018

Operator:



FORM VII
PESTICIDES PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Lab Sample ID: PEM 460-127675/2 Calibration Date: 09/12/2012 11:00
Instrument ID: PESTGC4 Calib Start Date: 09/10/2012 08:07
GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 09/10/2012 09:11
Lab File ID: WR706754.D Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	6.72	783912	10.83	15	
Endrin aldehyde	7.38	45874			
Endrin ketone	8.16	49304			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4, 4'-DDT	7.07	782439	2.95	15	
4, 4'-DDD	0.00	0			
4, 4'-DDE	6.10	23818			

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Sep12/09-12-12/12sep12b.b/WR706754.D
Lab Smp Id: SGDDT/Ei_00018
Inj Date : 12-SEP-2012 11:00
Operator : Inst ID: PESTGC4.i
Smp Info : SGDDT/Ei_00018
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Sep12/09-12-12/12sep12b.b/08Wr8081.m
Meth Date : 13-Sep-2012 08:32 ferdie Quant Type: ESTD
Cal Date : 10-SEP-2012 09:39 Cal File: WR706690.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: END_DDT.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	100.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

CONCENTRATIONS						
	ON-COL	FINAL				
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/l)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
8	4,4'-DDE			CAS #: 72-55-9		
6.097	6.087	0.010	23818	7.95242	0.40 80.00- 120.00	100.00(a)
9	4,4'-DDT			CAS #: 50-29-3		
7.073	7.073	0.000	782439	228.760	11 80.00- 120.00	100.00
14	Endrin			CAS #: 72-20-8		
6.720	6.717	0.003	783912	237.163	12 80.00- 120.00	100.00
15	Endrin aldehyde			CAS #: 7421-93-4		
7.383	7.380	0.003	45874	16.2844	0.81 80.00- 120.00	100.00
16	Endrin ketone			CAS #: 53494-70-5		
8.163	8.160	0.003	49304	15.2969	0.76 80.00- 120.00	100.00

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: WR706754.D

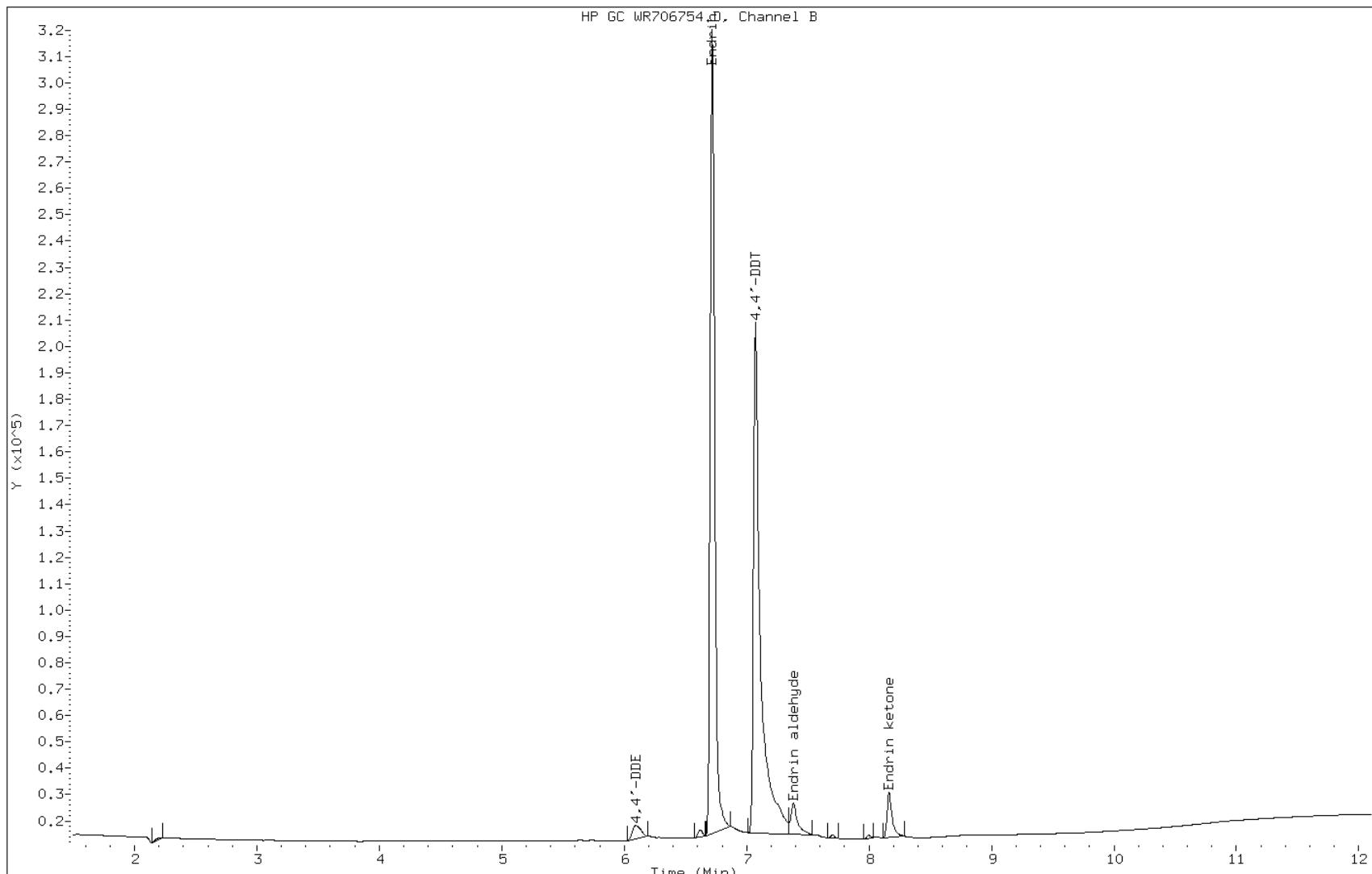
Date: 12-SEP-2012 11:00

Client ID:

Instrument: PESTGC4.i

Sample Info: SGDDT/Ei_00018

Operator:



FORM VII
PESTICIDES PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Lab Sample ID: PEM 460-128370/3 Calibration Date: 09/18/2012 12:37
Instrument ID: PESTGC4 Calib Start Date: 09/18/2012 08:26
GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 09/18/2012 09:21
Lab File ID: WF706932.D Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	7.82	643356	4.51	15	
Endrin aldehyde	8.41	12760			
Endrin ketone	9.03	17639			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4, 4'-DDT	8.26	577331	5.49	15	
4, 4'-DDD	7.90	10135			
4, 4'-DDE	7.25	23376			

Data File: WF706932.D
Report Date: 19-Sep-2012 06:38

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Sep12/09-18-12aical/18sep12c.b/WF706932.D
Lab Smp Id: SGDDT/Ei_00018
Inj Date : 18-SEP-2012 12:37
Operator : Inst ID: PESTGC4.i
Smp Info : SGDDT/Ei_00018
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Sep12/09-18-12aical/18sep12c.b/08WF8081.m
Meth Date : 19-Sep-2012 06:38 ferdie Quant Type: ESTD
Cal Date : 18-SEP-2012 09:49 Cal File: WF706920.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: END_DDT.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

CONCENTRATIONS						
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO
7.903	7.903	0.000	10135	4.73520	3.2 80.00- 120.00	100.00(a)
7.250	7.247	0.003	23376	7.95515	5.3 80.00- 120.00	100.00(a)
8.260	8.263	-0.003	577331	266.475	180 80.00- 120.00	100.00
7.823	7.823	0.000	643356	262.254	170 80.00- 120.00	100.00
8.407	8.403	0.004	12760	6.98014	4.6 80.00- 120.00	100.00(a)

Data File: WF706932.D
Report Date: 19-Sep-2012 06:38

RT	EXP RT	DLT RT	CONCENTRATIONS			TARGET RANGE	RATIO
			ON-COL	FINAL			
			=====	=====	=====		
16	Endrin ketone			CAS #:	53494-70-5		
9.030	9.030	0.000	17639	8.15521	5.4	80.00- 120.00	100.00(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: WF706932.D

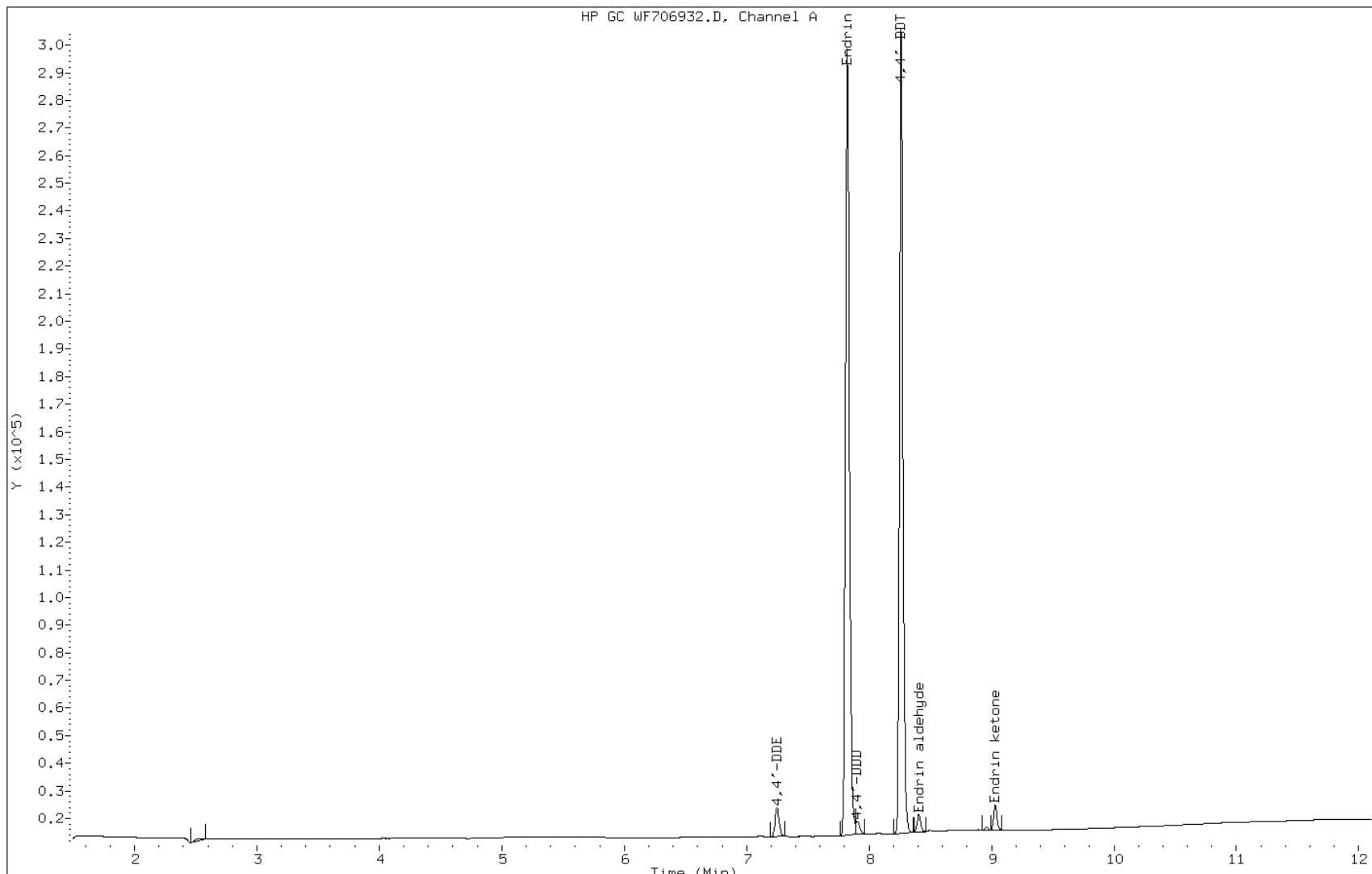
Date: 18-SEP-2012 12:37

Client ID:

Instrument: PESTGC4.i

Sample Info: SGDDT/Ei_00018

Operator:



FORM VII
PESTICIDES PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Lab Sample ID: PEM 460-128370/3 Calibration Date: 09/18/2012 12:37
Instrument ID: PESTGC4 Calib Start Date: 09/18/2012 08:26
GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 09/18/2012 09:21
Lab File ID: WR706932.D Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	6.71	798861	5.38	15	
Endrin aldehyde	7.37	19448			
Endrin ketone	8.16	25995			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4, 4'-DDT	7.05	783341	3.91	15	
4, 4'-DDD	0.00	0			
4, 4'-DDE	6.06	31885			

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Sep12/09-18-12aical/18sep12c.b/WR706932.D
Lab Smp Id: SGDDT/Ei_00018
Inj Date : 18-SEP-2012 12:37
Operator : Inst ID: PESTGC4.i
Smp Info : SGDDT/Ei_00018
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Sep12/09-18-12aical/18sep12c.b/08Wr8081.m
Meth Date : 19-Sep-2012 06:28 ferdie Quant Type: ESTD
Cal Date : 18-SEP-2012 09:49 Cal File: WR706920.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: END_DDT.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

CONCENTRATIONS						
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
8 4,4'-DDE				CAS #: 72-55-9		
6.060	6.057	0.003	31885 8.39427	5.6	80.00- 120.00	100.00(a)
-----	-----	-----	-----	-----	-----	-----
9 4,4'-DDT				CAS #: 50-29-3		
7.047	7.047	0.000	783341 250.028	170	80.00- 120.00	100.00
-----	-----	-----	-----	-----	-----	-----
14 Endrin				CAS #: 72-20-8		
6.707	6.707	0.000	798861 257.602	170	80.00- 120.00	100.00
-----	-----	-----	-----	-----	-----	-----
15 Endrin aldehyde				CAS #: 7421-93-4		
7.367	7.363	0.004	19448 7.79951	5.2	80.00- 120.00	100.00(a)
-----	-----	-----	-----	-----	-----	-----
16 Endrin ketone				CAS #: 53494-70-5		
8.157	8.153	0.004	25995 9.08984	6.0	80.00- 120.00	100.00(a)
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QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: WR706932.D

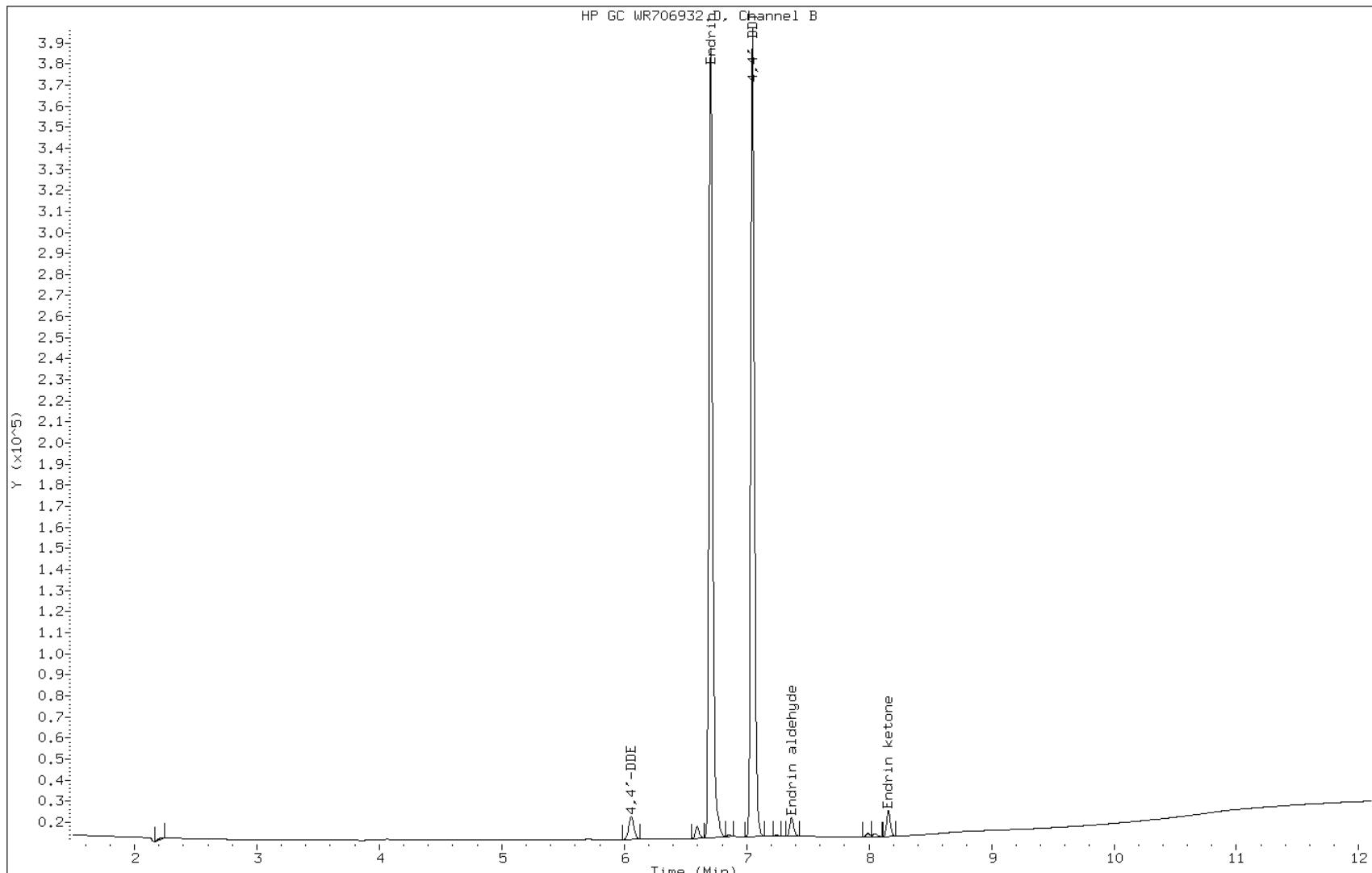
Date: 18-SEP-2012 12:37

Client ID:

Instrument: PESTGC4.i

Sample Info: SGDDT/Ei_00018

Operator:



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Lab Sample ID: CCVRT 460-127690/4 Calibration Date: 09/12/2012 07:47

Instrument ID: PESTGC1 Calib Start Date: 09/11/2012 08:05

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/11/2012 09:00

Lab File ID: xf138644.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	4078	4029		98.8	100	-1.2	15.0
gamma-BHC (Lindane)	Ave	3701	3670		99.2	100	-0.8	15.0
beta-BHC	Ave	1789	1785		99.8	100	-0.2	15.0
delta-BHC	Ave	3757	3652		97.2	100	-2.8	15.0
Heptachlor	Ave	3866	3753		97.1	100	-2.9	15.0
Aldrin	Ave	3901	4064		104	100	4.2	15.0
Heptachlor epoxide	Ave	3678	3778		103	100	2.7	15.0
gamma-Chlordane	Ave	3765	3822		102	100	1.5	15.0
alpha-Chlordane	Ave	3544	3586		101	100	1.2	15.0
Endosulfan I	Ave	3120	3216		103	100	3.1	15.0
4,4'-DDE	Ave	3081	3241		105	100	5.2	15.0
Dieldrin	Ave	3116	3240		104	100	4.0	15.0
Endrin	Ave	2606	2610		100	100	0.2	15.0
4,4"-DDD	Ave	2374	2520		106	100	6.1	15.0
Endosulfan II	Ave	2601	2673		103	100	2.8	15.0
4,4'-DDT	Ave	2482	2358		95.0	100	-5.0	15.0
Endrin aldehyde	Ave	2081	2153		103	100	3.5	15.0
Endosulfan sulfate	Ave	2340	2290		97.9	100	-2.1	15.0
Methoxychlor	Ave	1179	1160		98.4	100	-1.6	15.0
Endrin ketone	Ave	2422	2323		95.9	100	-4.1	15.0
Tetrachloro-m-xylene	Ave	2959	2939		99.3	100	-0.7	15.0
DCB Decachlorobiphenyl	Ave	2312	2120		91.7	100	-8.3	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Lab Sample ID: CCVRT 460-127690/4 Calibration Date: 09/12/2012 07:47

Instrument ID: PESTGC1 Calib Start Date: 09/11/2012 08:05

GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 09/11/2012 09:00

Lab File ID: xf138644.d

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	2.81	2.76	2.86
gamma-BHC (Lindane)	3.16	3.11	3.21
beta-BHC	3.25	3.20	3.30
delta-BHC	3.65	3.60	3.70
Heptachlor	3.78	3.73	3.83
Aldrin	4.59	4.53	4.63
Heptachlor epoxide	6.11	6.04	6.18
gamma-Chlordane	6.59	6.52	6.66
alpha-Chlordane	6.95	6.87	7.01
Endosulfan I	7.08	7.01	7.15
4,4'-DDE	7.25	7.18	7.32
Dieldrin	7.52	7.44	7.58
Endrin	7.88	7.81	7.95
4,4'-DDD	7.99	7.92	8.06
Endosulfan II	8.13	8.06	8.20
4,4'-DDT	8.36	8.29	8.43
Endrin aldehyde	8.53	8.46	8.60
Endosulfan sulfate	8.86	8.79	8.93
Methoxychlor	9.17	9.10	9.24
Endrin ketone	9.45	9.38	9.52
Tetrachloro-m-xylene	2.30	2.25	2.35
DCB Decachlorobiphenyl	10.38	10.28	10.48

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Lab Sample ID: CCVRT 460-127690/4 Calibration Date: 09/12/2012 07:47

Instrument ID: PESTGC1 Calib Start Date: 09/11/2012 08:05

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/11/2012 09:00

Lab File ID: xr138644.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	8951	8408		93.9	100	-6.1	15.0
gamma-BHC (Lindane)	Ave	7831	7344		93.8	100	-6.2	15.0
beta-BHC	Ave	4063	3802		93.6	100	-6.4	15.0
delta-BHC	Ave	7738	7017		90.7	100	-9.3	15.0
Heptachlor	Ave	7171	7148		99.7	100	-0.3	15.0
Aldrin	Ave	6845	6909		101	100	0.9	15.0
Heptachlor epoxide	Ave	7000	7066		101	100	1.0	15.0
gamma-Chlordane	Ave	7306	7203		98.6	100	-1.4	15.0
alpha-Chlordane	Ave	6915	6814		98.5	100	-1.5	15.0
4,4'-DDE	Ave	6654	6677		100	100	0.3	15.0
Endosulfan I	Ave	6436	6458		100	100	0.3	15.0
Dieldrin	Ave	6890	6937		101	100	0.7	15.0
Endrin	Ave	6290	6140		97.6	100	-2.4	15.0
4,4'-DDD	Ave	5612	5759		103	100	2.6	15.0
Endosulfan II	Ave	5912	5893		99.7	100	-0.3	15.0
4,4'-DDT	Ave	5769	5315		92.1	100	-7.9	15.0
Endrin aldehyde	Ave	4070	4127		101	100	1.4	15.0
Methoxychlor	Ave	2616	2490		95.2	100	-4.8	15.0
Endosulfan sulfate	Ave	4431	4212		95.1	100	-4.9	15.0
Endrin ketone	Ave	4867	4541		93.3	100	-6.7	15.0
Tetrachloro-m-xylene	Ave	6735	6750		100	100	0.2	15.0
DCB Decachlorobiphenyl	Ave	4322	3995		92.4	100	-7.6	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Lab Sample ID: CCVRT 460-127690/4 Calibration Date: 09/12/2012 07:47

Instrument ID: PESTGC1 Calib Start Date: 09/11/2012 08:05

GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 09/11/2012 09:00

Lab File ID: xr138644.d

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	2.34	2.29	2.39
gamma-BHC (Lindane)	2.57	2.52	2.62
beta-BHC	2.63	2.58	2.68
delta-BHC	2.76	2.71	2.81
Heptachlor	2.93	2.88	2.98
Aldrin	3.21	3.16	3.26
Heptachlor epoxide	4.15	4.07	4.21
gamma-Chlordane	4.44	4.37	4.51
alpha-Chlordane	4.75	4.68	4.82
4,4'-DDE	4.96	4.89	5.03
Endosulfan I	5.08	5.01	5.15
Dieldrin	5.69	5.61	5.75
Endrin	6.27	6.20	6.34
4,4'-DDD	6.46	6.39	6.53
Endosulfan II	6.81	6.73	6.87
4,4'-DDT	7.09	7.02	7.16
Endrin aldehyde	7.52	7.45	7.59
Methoxychlor	7.76	7.69	7.83
Endosulfan sulfate	8.02	7.95	8.09
Endrin ketone	8.33	8.26	8.40
Tetrachloro-m-xylene	1.95	1.90	2.00
DCB Decachlorobiphenyl	9.43	9.33	9.53

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Lab Sample ID: CCV 460-127690/26 Calibration Date: 09/12/2012 13:03

Instrument ID: PESTGC1 Calib Start Date: 09/11/2012 08:05

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/11/2012 09:00

Lab File ID: xf138666.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	4078	4005		98.2	100	-1.8	15.0
gamma-BHC (Lindane)	Ave	3701	3679		99.4	100	-0.6	15.0
beta-BHC	Ave	1789	1815		101	100	1.5	15.0
delta-BHC	Ave	3757	3753		99.9	100	-0.1	15.0
Heptachlor	Ave	3866	3665		94.8	100	-5.2	15.0
Aldrin	Ave	3901	4061		104	100	4.1	15.0
Heptachlor epoxide	Ave	3678	3742		102	100	1.8	15.0
gamma-Chlordane	Ave	3765	3827		102	100	1.7	15.0
alpha-Chlordane	Ave	3544	3590		101	100	1.3	15.0
Endosulfan I	Ave	3120	3208		103	100	2.8	15.0
4,4'-DDE	Ave	3081	3220		105	100	4.5	15.0
Dieldrin	Ave	3116	3193		102	100	2.5	15.0
Endrin	Ave	2606	2164		83.0	100	-17.0*	15.0
4,4"-DDD	Ave	2374	2712		114	100	14.2	15.0
Endosulfan II	Ave	2601	2659		102	100	2.2	15.0
4,4'-DDT	Ave	2482	1910		76.9	100	-23.1*	15.0
Endrin aldehyde	Ave	2081	2238		108	100	7.5	15.0
Endosulfan sulfate	Ave	2340	2256		96.4	100	-3.6	15.0
Methoxychlor	Ave	1179	980.9		83.2	100	-16.8*	15.0
Endrin ketone	Ave	2422	2425		100	100	0.1	15.0
Tetrachloro-m-xylene	Ave	2959	2835		95.8	100	-4.2	15.0
DCB Decachlorobiphenyl	Ave	2312	2078		89.9	100	-10.1	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Lab Sample ID: CCV 460-127690/26 Calibration Date: 09/12/2012 13:03

Instrument ID: PESTGC1 Calib Start Date: 09/11/2012 08:05

GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 09/11/2012 09:00

Lab File ID: xf138666.d

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	2.81	2.76	2.86
gamma-BHC (Lindane)	3.16	3.11	3.21
beta-BHC	3.25	3.20	3.30
delta-BHC	3.65	3.60	3.70
Heptachlor	3.78	3.73	3.83
Aldrin	4.58	4.53	4.63
Heptachlor epoxide	6.11	6.04	6.18
gamma-Chlordane	6.59	6.52	6.66
alpha-Chlordane	6.94	6.87	7.01
Endosulfan I	7.08	7.01	7.15
4,4'-DDE	7.25	7.18	7.32
Dieldrin	7.51	7.44	7.58
Endrin	7.88	7.81	7.95
4,4'-DDD	7.99	7.92	8.06
Endosulfan II	8.13	8.06	8.20
4,4'-DDT	8.36	8.29	8.43
Endrin aldehyde	8.53	8.46	8.60
Endosulfan sulfate	8.86	8.79	8.93
Methoxychlor	9.17	9.10	9.24
Endrin ketone	9.45	9.38	9.52
Tetrachloro-m-xylene	2.30	2.25	2.35
DCB Decachlorobiphenyl	10.38	10.28	10.48

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Lab Sample ID: CCV 460-127690/26 Calibration Date: 09/12/2012 13:03

Instrument ID: PESTGC1 Calib Start Date: 09/11/2012 08:05

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/11/2012 09:00

Lab File ID: xr138666.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	8951	7977		89.1	100	-10.9	15.0
gamma-BHC (Lindane)	Ave	7831	6913		88.3	100	-11.7	15.0
beta-BHC	Ave	4063	3694		90.9	100	-9.1	15.0
delta-BHC	Ave	7738	6861		88.7	100	-11.3	15.0
Heptachlor	Ave	7171	6333		88.3	100	-11.7	15.0
Aldrin	Ave	6845	6761		98.8	100	-1.2	15.0
Heptachlor epoxide	Ave	7000	6710		95.9	100	-4.1	15.0
gamma-Chlordane	Ave	7306	6995		95.7	100	-4.3	15.0
alpha-Chlordane	Ave	6915	6662		96.3	100	-3.7	15.0
4,4'-DDE	Ave	6654	6404		96.2	100	-3.8	15.0
Endosulfan I	Ave	6436	6225		96.7	100	-3.3	15.0
Dieldrin	Ave	6890	6590		95.6	100	-4.4	15.0
Endrin	Ave	6290	4950		78.7	100	-21.3*	15.0
4,4'-DDD	Ave	5612	5980		107	100	6.6	15.0
Endosulfan II	Ave	5912	5616		95.0	100	-5.0	15.0
4,4'-DDT	Ave	5769	4257		73.8	100	-26.2*	15.0
Endrin aldehyde	Ave	4070	4171		102	100	2.5	15.0
Methoxychlor	Ave	2616	2020		77.2	100	-22.8*	15.0
Endosulfan sulfate	Ave	4431	4060		91.6	100	-8.4	15.0
Endrin ketone	Ave	4867	4662		95.8	100	-4.2	15.0
Tetrachloro-m-xylene	Ave	6735	5953		88.4	100	-11.6	15.0
DCB Decachlorobiphenyl	Ave	4322	3729		86.3	100	-13.7	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Lab Sample ID: CCV 460-127690/26 Calibration Date: 09/12/2012 13:03

Instrument ID: PESTGC1 Calib Start Date: 09/11/2012 08:05

GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 09/11/2012 09:00

Lab File ID: xr138666.d

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	2.34	2.29	2.39
gamma-BHC (Lindane)	2.57	2.52	2.62
beta-BHC	2.63	2.58	2.68
delta-BHC	2.76	2.71	2.81
Heptachlor	2.93	2.88	2.98
Aldrin	3.21	3.16	3.26
Heptachlor epoxide	4.14	4.07	4.21
gamma-Chlordane	4.44	4.37	4.51
alpha-Chlordane	4.75	4.68	4.82
4,4'-DDE	4.96	4.89	5.03
Endosulfan I	5.08	5.01	5.15
Dieldrin	5.68	5.61	5.75
Endrin	6.27	6.20	6.34
4,4'-DDD	6.46	6.39	6.53
Endosulfan II	6.80	6.73	6.87
4,4'-DDT	7.09	7.02	7.16
Endrin aldehyde	7.52	7.45	7.59
Methoxychlor	7.76	7.69	7.83
Endosulfan sulfate	8.02	7.95	8.09
Endrin ketone	8.33	8.26	8.40
Tetrachloro-m-xylene	1.95	1.90	2.00
DCB Decachlorobiphenyl	9.43	9.33	9.53

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Lab Sample ID: CCVRT 460-127675/1 Calibration Date: 09/12/2012 10:46

Instrument ID: PESTGC4 Calib Start Date: 09/10/2012 08:07

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/10/2012 09:11

Lab File ID: WF706753.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	5897	5629		95.5	100	-4.5	15.0
gamma-BHC (Lindane)	Ave	5322	5139		96.6	100	-3.4	15.0
beta-BHC	Ave	2482	2511		101	100	1.2	15.0
delta-BHC	Ave	4654	4258		91.5	100	-8.5	15.0
Heptachlor	Ave	4865	5108		105	100	5.0	15.0
Aldrin	Ave	5015	4986		99.4	100	-0.6	15.0
Heptachlor epoxide	Ave	3774	3715		98.4	100	-1.6	15.0
gamma-Chlordane	Ave	3806	3748		98.5	100	-1.5	15.0
alpha-Chlordane	Ave	3589	3453		96.2	100	-3.8	15.0
Endosulfan I	Ave	3493	3543		101	100	1.4	15.0
4,4'-DDE	Ave	3537	3617		102	100	2.3	15.0
Dieldrin	Ave	3773	3802		101	100	0.8	15.0
Endrin	Ave	3135	3096		98.8	100	-1.2	15.0
4,4"-DDD	Ave	2701	2816		104	100	4.2	15.0
Endosulfan II	Ave	3378	3540		105	100	4.8	15.0
4,4'-DDT	Ave	2632	2727		104	100	3.6	15.0
Endrin aldehyde	Ave	2368	2318		97.9	100	-2.1	15.0
Endosulfan sulfate	Ave	2465	2269		92.1	100	-7.9	15.0
Methoxychlor	Ave	1066	1308		123	100	22.7*	15.0
Endrin ketone	Ave	2701	2357		87.3	100	-12.7	15.0
Tetrachloro-m-xylene	Ave	4119	3858		93.7	100	-6.3	15.0
DCB Decachlorobiphenyl	Ave	2905	2828		97.3	100	-2.7	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Lab Sample ID: CCVRT 460-127675/1 Calibration Date: 09/12/2012 10:46
Instrument ID: PESTGC4 Calib Start Date: 09/10/2012 08:07
GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 09/10/2012 09:11
Lab File ID: WF706753.D

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	3.49	3.44	3.54
gamma-BHC (Lindane)	4.20	4.16	4.26
beta-BHC	4.36	4.32	4.42
delta-BHC	4.95	4.91	5.01
Heptachlor	5.10	5.05	5.15
Aldrin	5.78	5.74	5.84
Heptachlor epoxide	6.64	6.57	6.71
gamma-Chlordane	6.83	6.76	6.90
alpha-Chlordane	6.99	6.92	7.06
Endosulfan I	7.06	6.99	7.13
4,4'-DDE	7.15	7.08	7.22
Dieldrin	7.36	7.29	7.43
Endrin	7.71	7.64	7.78
4,4'-DDD	7.80	7.73	7.87
Endosulfan II	7.95	7.88	8.02
4,4'-DDT	8.16	8.09	8.23
Endrin aldehyde	8.31	8.24	8.38
Endosulfan sulfate	8.55	8.48	8.62
Methoxychlor	8.74	8.67	8.81
Endrin ketone	8.94	8.87	9.01
Tetrachloro-m-xylene	2.39	2.34	2.44
DCB Decachlorobiphenyl	9.94	9.84	10.04

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Lab Sample ID: CCVRT 460-127675/1 Calibration Date: 09/12/2012 10:46

Instrument ID: PESTGC4 Calib Start Date: 09/10/2012 08:07

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/10/2012 09:11

Lab File ID: WR706753.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	5574	5198		93.3	100	-6.7	15.0
gamma-BHC (Lindane)	Ave	5174	4926		95.2	100	-4.8	15.0
beta-BHC	Ave	2452	2368		96.6	100	-3.4	15.0
delta-BHC	Ave	4546	4098		90.1	100	-9.9	15.0
Heptachlor	Ave	4760	4629		97.2	100	-2.8	15.0
Aldrin	Ave	4698	4667		99.3	100	-0.7	15.0
Heptachlor epoxide	Ave	4348	4279		98.4	100	-1.6	15.0
gamma-Chlordane	Ave	4532	4388		96.8	100	-3.2	15.0
alpha-Chlordane	Ave	4186	4207		101	100	0.5	15.0
4,4'-DDE	Ave	2995	2412		80.5	100	-19.5*	15.0
Endosulfan I	Ave	4447	5093		115	100	14.5	15.0
Dieldrin	Ave	3971	4096		103	100	3.2	15.0
Endrin	Ave	3305	3295		99.7	100	-0.3	15.0
4,4'-DDD	Ave	2952	2607		88.3	100	-11.7	15.0
Endosulfan II	Ave	3651	3781		104	100	3.6	15.0
4,4'-DDT	Ave	3420	3410		99.7	100	-0.3	15.0
Endrin aldehyde	Ave	2817	2848		101	100	1.1	15.0
Methoxychlor	Ave	1541	1572		102	100	2.0	15.0
Endosulfan sulfate	Ave	2938	2810		95.7	100	-4.3	15.0
Endrin ketone	Ave	3223	2873		89.1	100	-10.9	15.0
Tetrachloro-m-xylene	Ave	4396	3966		90.2	100	-9.8	15.0
DCB Decachlorobiphenyl	Ave	3147	3138		99.7	100	-0.3	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Lab Sample ID: CCVRT 460-127675/1 Calibration Date: 09/12/2012 10:46

Instrument ID: PESTGC4 Calib Start Date: 09/10/2012 08:07

GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 09/10/2012 09:11

Lab File ID: WR706753.D

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	2.45	2.40	2.50
gamma-BHC (Lindane)	2.92	2.87	2.97
beta-BHC	3.09	3.04	3.14
delta-BHC	3.40	3.36	3.46
Heptachlor	3.78	3.74	3.84
Aldrin	4.32	4.28	4.38
Heptachlor epoxide	5.44	5.37	5.51
gamma-Chlordane	5.68	5.62	5.76
alpha-Chlordane	5.95	5.88	6.02
4,4'-DDE	6.09	6.02	6.16
Endosulfan I	6.17	6.10	6.24
Dieldrin	6.47	6.40	6.54
Endrin	6.72	6.65	6.79
4,4'-DDD	6.80	6.73	6.87
Endosulfan II	6.95	6.88	7.02
4,4'-DDT	7.07	7.00	7.14
Endrin aldehyde	7.38	7.31	7.45
Methoxychlor	7.59	7.52	7.66
Endosulfan sulfate	7.85	7.78	7.92
Endrin ketone	8.16	8.09	8.23
Tetrachloro-m-xylene	1.90	1.85	1.95
DCB Decachlorobiphenyl	8.95	8.85	9.05

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Lab Sample ID: CCV 460-127675/23 Calibration Date: 09/12/2012 15:52

Instrument ID: PESTGC4 Calib Start Date: 09/10/2012 08:07

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/10/2012 09:11

Lab File ID: WF706775.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	5897	5890		99.9	100	-0.1	15.0
gamma-BHC (Lindane)	Ave	5322	5341		100	100	0.3	15.0
beta-BHC	Ave	2482	2543		102	100	2.4	15.0
delta-BHC	Ave	4654	4787		103	100	2.9	15.0
Heptachlor	Ave	4865	5107		105	100	5.0	15.0
Aldrin	Ave	5015	5078		101	100	1.2	15.0
Heptachlor epoxide	Ave	3774	3752		99.4	100	-0.6	15.0
gamma-Chlordane	Ave	3806	3768		99.0	100	-1.0	15.0
alpha-Chlordane	Ave	3589	3540		98.6	100	-1.4	15.0
Endosulfan I	Ave	3493	3531		101	100	1.1	15.0
4,4'-DDE	Ave	3537	3610		102	100	2.0	15.0
Dieldrin	Ave	3773	3862		102	100	2.4	15.0
Endrin	Ave	3135	2919		93.1	100	-6.9	15.0
4,4"-DDD	Ave	2701	2955		109	100	9.4	15.0
Endosulfan II	Ave	3378	3672		109	100	8.7	15.0
4,4'-DDT	Ave	2632	2730		104	100	3.7	15.0
Endrin aldehyde	Ave	2368	2560		108	100	8.1	15.0
Endosulfan sulfate	Ave	2465	2449		99.3	100	-0.7	15.0
Methoxychlor	Ave	1066	1206		113	100	13.1	15.0
Endrin ketone	Ave	2701	2999		111	100	11.0	15.0
Tetrachloro-m-xylene	Ave	4119	3859		93.7	100	-6.3	15.0
DCB Decachlorobiphenyl	Ave	2905	2834		97.6	100	-2.4	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Lab Sample ID: CCV 460-127675/23 Calibration Date: 09/12/2012 15:52
Instrument ID: PESTGC4 Calib Start Date: 09/10/2012 08:07
GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 09/10/2012 09:11
Lab File ID: WF706775.D

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	3.49	3.44	3.54
gamma-BHC (Lindane)	4.21	4.16	4.26
beta-BHC	4.37	4.32	4.42
delta-BHC	4.96	4.91	5.01
Heptachlor	5.10	5.05	5.15
Aldrin	5.79	5.74	5.84
Heptachlor epoxide	6.64	6.57	6.71
gamma-Chlordane	6.83	6.76	6.90
alpha-Chlordane	6.99	6.92	7.06
Endosulfan I	7.06	6.99	7.13
4,4'-DDE	7.15	7.08	7.22
Dieldrin	7.36	7.29	7.43
Endrin	7.71	7.64	7.78
4,4'-DDD	7.80	7.73	7.87
Endosulfan II	7.95	7.88	8.02
4,4'-DDT	8.16	8.09	8.23
Endrin aldehyde	8.31	8.24	8.38
Endosulfan sulfate	8.55	8.48	8.62
Methoxychlor	8.74	8.67	8.81
Endrin ketone	8.94	8.87	9.01
Tetrachloro-m-xylene	2.39	2.34	2.44
DCB Decachlorobiphenyl	9.94	9.84	10.04

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Lab Sample ID: CCV 460-127675/23 Calibration Date: 09/12/2012 15:52

Instrument ID: PESTGC4 Calib Start Date: 09/10/2012 08:07

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/10/2012 09:11

Lab File ID: WR706775.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	5574	5437		97.5	100	-2.5	15.0
gamma-BHC (Lindane)	Ave	5174	5119		98.9	100	-1.1	15.0
beta-BHC	Ave	2452	2400		97.9	100	-2.1	15.0
delta-BHC	Ave	4546	4819		106	100	6.0	15.0
Heptachlor	Ave	4760	4712		99.0	100	-1.0	15.0
Aldrin	Ave	4698	4751		101	100	1.1	15.0
Heptachlor epoxide	Ave	4348	4364		100	100	0.4	15.0
gamma-Chlordane	Ave	4532	4478		98.8	100	-1.2	15.0
alpha-Chlordane	Ave	4186	4089		97.7	100	-2.3	15.0
4,4'-DDE	Ave	2995	2092		69.8	100	-30.2*	15.0
Endosulfan I	Ave	4447	4668		105	100	5.0	15.0
Dieldrin	Ave	3971	3993		101	100	0.6	15.0
Endrin	Ave	3305	3060		92.6	100	-7.4	15.0
4,4'-DDD	Ave	2952	2716		92.0	100	-8.0	15.0
Endosulfan II	Ave	3651	3878		106	100	6.2	15.0
4,4'-DDT	Ave	3420	3364		98.4	100	-1.6	15.0
Endrin aldehyde	Ave	2817	2980		106	100	5.8	15.0
Methoxychlor	Ave	1541	1428		92.6	100	-7.4	15.0
Endosulfan sulfate	Ave	2938	2990		102	100	1.8	15.0
Endrin ketone	Ave	3223	3645		113	100	13.1	15.0
Tetrachloro-m-xylene	Ave	4396	3951		89.9	100	-10.1	15.0
DCB Decachlorobiphenyl	Ave	3147	3004		95.5	100	-4.5	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Lab Sample ID: CCV 460-127675/23 Calibration Date: 09/12/2012 15:52

Instrument ID: PESTGC4 Calib Start Date: 09/10/2012 08:07

GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 09/10/2012 09:11

Lab File ID: WR706775.D

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	2.45	2.40	2.50
gamma-BHC (Lindane)	2.92	2.87	2.97
beta-BHC	3.09	3.04	3.14
delta-BHC	3.41	3.36	3.46
Heptachlor	3.79	3.74	3.84
Aldrin	4.33	4.28	4.38
Heptachlor epoxide	5.44	5.37	5.51
gamma-Chlordane	5.69	5.62	5.76
alpha-Chlordane	5.95	5.88	6.02
4,4'-DDE	6.09	6.02	6.16
Endosulfan I	6.17	6.10	6.24
Dieldrin	6.47	6.40	6.54
Endrin	6.72	6.65	6.79
4,4'-DDD	6.80	6.73	6.87
Endosulfan II	6.95	6.88	7.02
4,4'-DDT	7.07	7.00	7.14
Endrin aldehyde	7.38	7.31	7.45
Methoxychlor	7.59	7.52	7.66
Endosulfan sulfate	7.85	7.78	7.92
Endrin ketone	8.16	8.09	8.23
Tetrachloro-m-xylene	1.90	1.85	1.95
DCB Decachlorobiphenyl	8.95	8.85	9.05

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Lab Sample ID: CCVRT 460-128370/2 Calibration Date: 09/18/2012 12:23

Instrument ID: PESTGC4 Calib Start Date: 09/18/2012 08:26

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/18/2012 09:21

Lab File ID: WF706931.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	4618	4695		102	100	1.7	15.0
gamma-BHC (Lindane)	Ave	4203	4274		102	100	1.7	15.0
beta-BHC	Ave	2091	2078		99.4	100	-0.6	15.0
delta-BHC	Ave	3877	4129		107	100	6.5	15.0
Heptachlor	Ave	4150	4281		103	100	3.2	15.0
Aldrin	Ave	3853	3950		103	100	2.5	15.0
Heptachlor epoxide	Ave	2985	2969		99.5	100	-0.5	15.0
gamma-Chlordane	Ave	3020	2979		98.6	100	-1.4	15.0
alpha-Chlordane	Ave	2853	2825		99.0	100	-1.0	15.0
Endosulfan I	Ave	2773	2778		100	100	0.2	15.0
4,4'-DDE	Ave	2938	2905		98.9	100	-1.1	15.0
Dieldrin	Ave	2972	2983		100	100	0.4	15.0
Endrin	Ave	2453	2472		101	100	0.8	15.0
4,4"-DDD	Ave	2140	2312		108	100	8.0	15.0
Endosulfan II	Ave	2531	2532		100	100	0.0	15.0
4,4'-DDT	Ave	2167	2258		104	100	4.2	15.0
Endrin aldehyde	Ave	1828	1862		102	100	1.9	15.0
Endosulfan sulfate	Ave	1981	1914		96.6	100	-3.4	15.0
Methoxychlor	Ave	956.3	1007		105	100	5.3	15.0
Endrin ketone	Ave	2163	2162		100	100	-0.0	15.0
Tetrachloro-m-xylene	Ave	3557	3426		96.3	100	-3.7	15.0
DCB Decachlorobiphenyl	Ave	2500	2422		96.9	100	-3.1	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Lab Sample ID: CCVRT 460-128370/2 Calibration Date: 09/18/2012 12:23

Instrument ID: PESTGC4 Calib Start Date: 09/18/2012 08:26

GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 09/18/2012 09:21

Lab File ID: WF706931.D

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	3.69	3.64	3.74
gamma-BHC (Lindane)	4.40	4.35	4.45
beta-BHC	4.55	4.50	4.60
delta-BHC	5.14	5.09	5.19
Heptachlor	5.29	5.24	5.34
Aldrin	5.98	5.93	6.03
Heptachlor epoxide	6.74	6.67	6.81
gamma-Chlordane	6.94	6.87	7.01
alpha-Chlordane	7.09	7.02	7.16
Endosulfan I	7.17	7.10	7.24
4,4'-DDE	7.25	7.18	7.32
Dieldrin	7.47	7.40	7.54
Endrin	7.82	7.75	7.89
4,4'-DDD	7.90	7.83	7.97
Endosulfan II	8.06	7.99	8.13
4,4'-DDT	8.26	8.19	8.33
Endrin aldehyde	8.40	8.33	8.47
Endosulfan sulfate	8.63	8.56	8.70
Methoxychlor	8.81	8.74	8.88
Endrin ketone	9.03	8.96	9.10
Tetrachloro-m-xylene	2.51	2.46	2.56
DCB Decachlorobiphenyl	10.05	9.95	10.15

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Lab Sample ID: CCVRT 460-128370/2 Calibration Date: 09/18/2012 12:23

Instrument ID: PESTGC4 Calib Start Date: 09/18/2012 08:26

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/18/2012 09:21

Lab File ID: WR706931.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	5209	5302		102	100	1.8	15.0
gamma-BHC (Lindane)	Ave	4954	5063		102	100	2.2	15.0
beta-BHC	Ave	2395	2391		99.8	100	-0.2	15.0
delta-BHC	Ave	4475	4783		107	100	6.9	15.0
Heptachlor	Ave	4570	4648		102	100	1.7	15.0
Aldrin	Ave	4365	4483		103	100	2.7	15.0
Heptachlor epoxide	Ave	4017	4132		103	100	2.9	15.0
gamma-Chlordane	Ave	4127	4247		103	100	2.9	15.0
alpha-Chlordane	Ave	3967	4065		102	100	2.5	15.0
4,4'-DDE	Ave	3798	3940		104	100	3.7	15.0
Endosulfan I	Ave	3542	3646		103	100	2.9	15.0
Dieldrin	Ave	3634	3734		103	100	2.7	15.0
Endrin	Ave	3101	3130		101	100	0.9	15.0
4,4'-DDD	Ave	3083	3187		103	100	3.4	15.0
Endosulfan II	Ave	3104	3147		101	100	1.4	15.0
4,4'-DDT	Ave	3133	3243		104	100	3.5	15.0
Endrin aldehyde	Ave	2493	2594		104	100	4.0	15.0
Methoxychlor	Ave	1644	1666		101	100	1.3	15.0
Endosulfan sulfate	Ave	2731	2781		102	100	1.8	15.0
Endrin ketone	Ave	2860	2988		104	100	4.5	15.0
Tetrachloro-m-xylene	Ave	3961	3875		97.8	100	-2.2	15.0
DCB Decachlorobiphenyl	Ave	2724	2642		97.0	100	-3.0	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.:

Lab Sample ID: CCVRT 460-128370/2

Calibration Date: 09/18/2012 12:23

Instrument ID: PESTGC4

Calib Start Date: 09/18/2012 08:26

GC Column: CLP-1 ID: 0.53 (mm)

Calib End Date: 09/18/2012 09:21

Lab File ID: WR706931.D

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	2.48	2.43	2.53
gamma-BHC (Lindane)	2.96	2.91	3.01
beta-BHC	3.12	3.07	3.17
delta-BHC	3.43	3.38	3.48
Heptachlor	3.81	3.76	3.86
Aldrin	4.34	4.29	4.39
Heptachlor epoxide	5.43	5.36	5.50
gamma-Chlordane	5.67	5.60	5.74
alpha-Chlordane	5.93	5.86	6.00
4,4'-DDE	6.06	5.99	6.13
Endosulfan I	6.16	6.08	6.22
Dieldrin	6.46	6.39	6.53
Endrin	6.71	6.64	6.78
4,4'-DDD	6.76	6.69	6.83
Endosulfan II	6.93	6.86	7.00
4,4'-DDT	7.05	6.98	7.12
Endrin aldehyde	7.37	7.29	7.43
Methoxychlor	7.56	7.49	7.63
Endosulfan sulfate	7.84	7.77	7.91
Endrin ketone	8.16	8.08	8.22
Tetrachloro-m-xylene	1.91	1.86	1.96
DCB Decachlorobiphenyl	8.95	8.85	9.05

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Lab Sample ID: CCV 460-128370/26 Calibration Date: 09/18/2012 17:58

Instrument ID: PESTGC4 Calib Start Date: 09/18/2012 08:26

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/18/2012 09:21

Lab File ID: WF706955.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	4618	4814		104	100	4.2	15.0
gamma-BHC (Lindane)	Ave	4203	4359		104	100	3.7	15.0
beta-BHC	Ave	2091	2112		101	100	1.0	15.0
delta-BHC	Ave	3877	4378		113	100	12.9	15.0
Heptachlor	Ave	4150	4338		105	100	4.5	15.0
Aldrin	Ave	3853	4081		106	100	5.9	15.0
Heptachlor epoxide	Ave	2985	3010		101	100	0.9	15.0
gamma-Chlordane	Ave	3020	3032		100	100	0.4	15.0
alpha-Chlordane	Ave	2853	2880		101	100	0.9	15.0
Endosulfan I	Ave	2773	2798		101	100	0.9	15.0
4,4'-DDE	Ave	2938	2966		101	100	0.9	15.0
Dieldrin	Ave	2972	3020		102	100	1.6	15.0
Endrin	Ave	2453	2445		99.7	100	-0.3	15.0
4,4"-DDD	Ave	2140	2435		114	100	13.8	15.0
Endosulfan II	Ave	2531	2537		100	100	0.2	15.0
4,4'-DDT	Ave	2167	2188		101	100	1.0	15.0
Endrin aldehyde	Ave	1828	1906		104	100	4.3	15.0
Endosulfan sulfate	Ave	1981	1991		101	100	0.5	15.0
Methoxychlor	Ave	956.3	1009		105	100	5.5	15.0
Endrin ketone	Ave	2163	2313		107	100	7.0	15.0
Tetrachloro-m-xylene	Ave	3557	3496		98.3	100	-1.7	15.0
DCB Decachlorobiphenyl	Ave	2500	2369		94.7	100	-5.3	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Lab Sample ID: CCV 460-128370/26 Calibration Date: 09/18/2012 17:58
Instrument ID: PESTGC4 Calib Start Date: 09/18/2012 08:26
GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 09/18/2012 09:21
Lab File ID: WF706955.D

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	3.69	3.64	3.74
gamma-BHC (Lindane)	4.40	4.35	4.45
beta-BHC	4.55	4.50	4.60
delta-BHC	5.14	5.09	5.19
Heptachlor	5.29	5.24	5.34
Aldrin	5.98	5.93	6.03
Heptachlor epoxide	6.74	6.67	6.81
gamma-Chlordane	6.94	6.87	7.01
alpha-Chlordane	7.09	7.02	7.16
Endosulfan I	7.17	7.10	7.24
4,4'-DDE	7.25	7.18	7.32
Dieldrin	7.47	7.40	7.54
Endrin	7.82	7.75	7.89
4,4'-DDD	7.90	7.83	7.97
Endosulfan II	8.06	7.99	8.13
4,4'-DDT	8.26	8.19	8.33
Endrin aldehyde	8.40	8.33	8.47
Endosulfan sulfate	8.63	8.56	8.70
Methoxychlor	8.81	8.74	8.88
Endrin ketone	9.03	8.96	9.10
Tetrachloro-m-xylene	2.51	2.46	2.56
DCB Decachlorobiphenyl	10.05	9.95	10.15

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Lab Sample ID: CCV 460-128370/26 Calibration Date: 09/18/2012 17:58

Instrument ID: PESTGC4 Calib Start Date: 09/18/2012 08:26

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/18/2012 09:21

Lab File ID: WR706955.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	5209	5333		102	100	2.4	15.0
gamma-BHC (Lindane)	Ave	4954	5074		102	100	2.4	15.0
beta-BHC	Ave	2395	2392		99.9	100	-0.1	15.0
delta-BHC	Ave	4475	4893		109	100	9.3	15.0
Heptachlor	Ave	4570	4591		100	100	0.5	15.0
Aldrin	Ave	4365	4493		103	100	2.9	15.0
Heptachlor epoxide	Ave	4017	4164		104	100	3.7	15.0
gamma-Chlordane	Ave	4127	4316		105	100	4.6	15.0
alpha-Chlordane	Ave	3967	4121		104	100	3.9	15.0
4,4'-DDE	Ave	3798	3953		104	100	4.1	15.0
Endosulfan I	Ave	3542	3678		104	100	3.8	15.0
Dieldrin	Ave	3634	3739		103	100	2.9	15.0
Endrin	Ave	3101	3080		99.3	100	-0.7	15.0
4,4'-DDD	Ave	3083	3235		105	100	5.0	15.0
Endosulfan II	Ave	3104	3138		101	100	1.1	15.0
4,4'-DDT	Ave	3133	3115		99.4	100	-0.6	15.0
Endrin aldehyde	Ave	2493	2632		106	100	5.5	15.0
Methoxychlor	Ave	1644	1583		96.3	100	-3.7	15.0
Endosulfan sulfate	Ave	2731	2883		106	100	5.6	15.0
Endrin ketone	Ave	2860	3135		110	100	9.6	15.0
Tetrachloro-m-xylene	Ave	3961	3889		98.2	100	-1.8	15.0
DCB Decachlorobiphenyl	Ave	2724	2549		93.6	100	-6.4	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Lab Sample ID: CCV 460-128370/26 Calibration Date: 09/18/2012 17:58

Instrument ID: PESTGC4 Calib Start Date: 09/18/2012 08:26

GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 09/18/2012 09:21

Lab File ID: WR706955.D

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	2.48	2.43	2.53
gamma-BHC (Lindane)	2.96	2.91	3.01
beta-BHC	3.12	3.07	3.17
delta-BHC	3.43	3.38	3.48
Heptachlor	3.81	3.76	3.86
Aldrin	4.34	4.29	4.39
Heptachlor epoxide	5.43	5.36	5.50
gamma-Chlordane	5.67	5.60	5.74
alpha-Chlordane	5.93	5.86	6.00
4,4'-DDE	6.06	5.99	6.13
Endosulfan I	6.15	6.08	6.22
Dieldrin	6.46	6.39	6.53
Endrin	6.71	6.64	6.78
4,4'-DDD	6.76	6.69	6.83
Endosulfan II	6.93	6.86	7.00
4,4'-DDT	7.05	6.98	7.12
Endrin aldehyde	7.36	7.29	7.43
Methoxychlor	7.56	7.49	7.63
Endosulfan sulfate	7.84	7.77	7.91
Endrin ketone	8.15	8.08	8.22
Tetrachloro-m-xylene	1.91	1.86	1.96
DCB Decachlorobiphenyl	8.95	8.85	9.05

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.:
Client Sample ID: Lab Sample ID: MB 460-127381/1-A
Matrix: Water Lab File ID: xf138663.d
Analysis Method: 8081A Date Collected:
Extraction Method: 3510C Date Extracted: 09/11/2012 13:50
Sample wt/vol: 1000 (mL) Date Analyzed: 09/12/2012 12:22
Con. Extract Vol.: 5 (mL) Dilution Factor: 1
Injection Volume: GC Column: CLP-2 ID: 0.53 (mm)
% Moisture: GPC Cleanup: (Y/N) N
Analysis Batch No.: 127690 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	108		49-132
2051-24-3	DCB Decachlorobiphenyl	100		37-144

Data File: xf138663.d
Report Date: 13-Sep-2012 11:48

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Sep12/09-12-12/12sep12a.b/xf138663.d
Lab Smp Id: MB 460-127381/1-A
Inj Date : 12-SEP-2012 12:22
Operator : Inst ID: PESTGC1.i
Smp Info : MB 460-127381/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Sep12/09-12-12/12sep12a.b/09Xf8081.m
Meth Date : 13-Sep-2012 10:34 ferdie Quant Type: ESTD
Cal Date : 11-SEP-2012 09:28 Cal File: xf138611.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

CONCENTRATIONS									
ON-COL				FINAL					
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/l)	TARGET RANGE	RATIO			
==	=====	=====	=====	=====	=====	=====	====	====	====
<hr/>									
\$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8				
2.303	2.300	0.003	320747	108.402	0.54	80.00-	120.00	100.00	
<hr/>									
\$ 30 Decachlorobiphenyl					CAS #: 2051-24-3				
10.377	10.377	0.000	231531	100.136	0.50	80.00-	120.00	100.00	
<hr/>									

Data File: xf138663.d

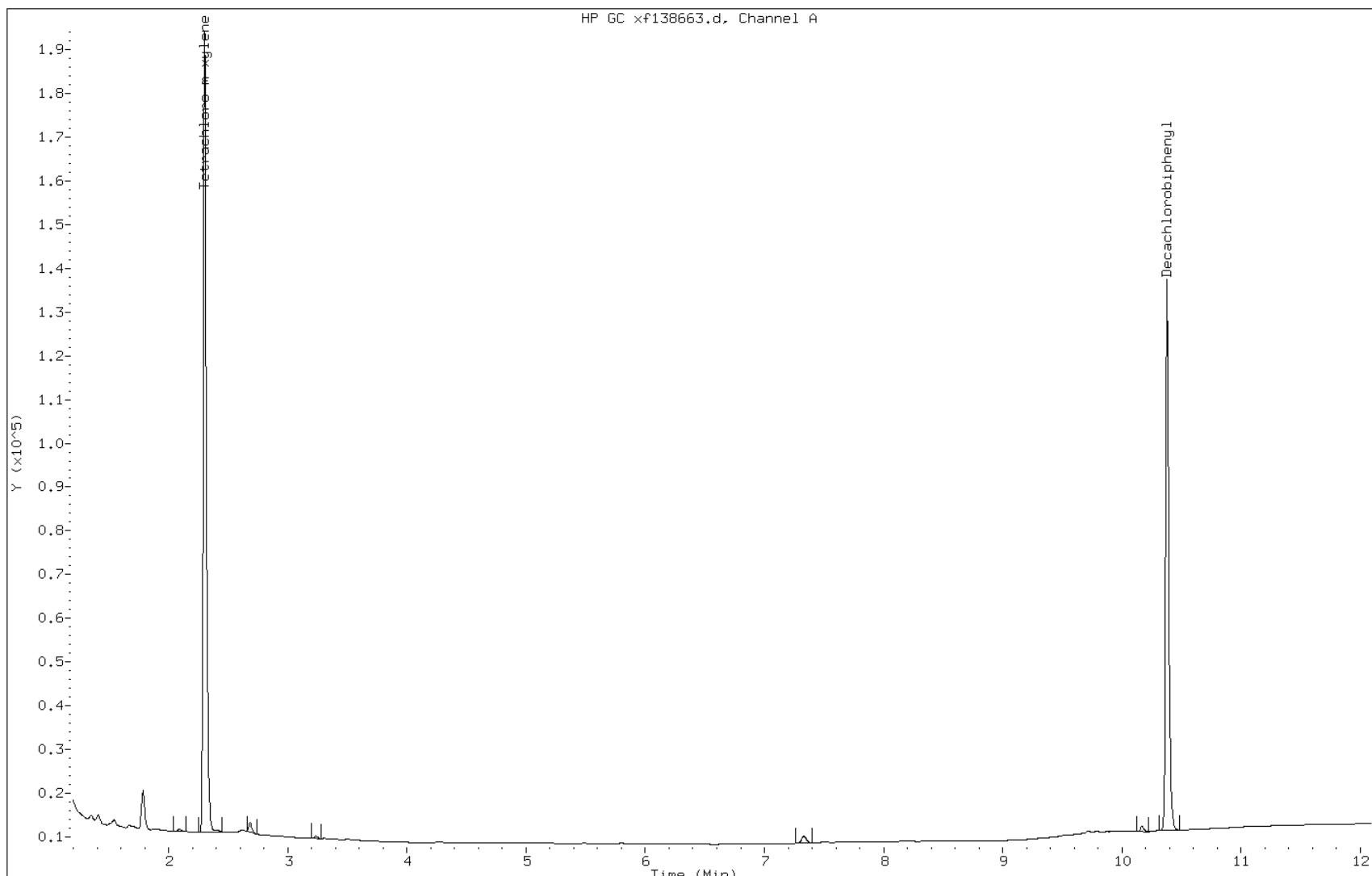
Date: 12-SEP-2012 12:22

Client ID:

Instrument: PESTGC1.i

Sample Info: MB 460-127381/1-A

Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44405-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-127381/1-A
 Matrix: Water Lab File ID: xr138663.d
 Analysis Method: 8081A Date Collected: _____
 Extraction Method: 3510C Date Extracted: 09/11/2012 13:50
 Sample wt/vol: 1000 (mL) Date Analyzed: 09/12/2012 12:22
 Con. Extract Vol.: 5 (mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-1 ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 127690 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	0.010	U	0.050	0.010
319-84-6	alpha-BHC	0.010	U	0.050	0.010
319-85-7	beta-BHC	0.011	U	0.050	0.011
319-86-8	delta-BHC	0.0090	U	0.050	0.0090
58-89-9	gamma-BHC (Lindane)	0.012	U	0.050	0.012
57-74-9	Chlordane	0.33	U	0.50	0.33
72-54-8	4,4'-DDD	0.011	U	0.050	0.011
72-55-9	4,4'-DDE	0.0090	U	0.050	0.0090
50-29-3	4,4'-DDT	0.010	U	0.050	0.010
60-57-1	Dieldrin	0.0050	U	0.050	0.0050
959-98-8	Endosulfan I	0.0090	U	0.050	0.0090
33213-65-9	Endosulfan II	0.010	U	0.050	0.010
1031-07-8	Endosulfan sulfate	0.016	U	0.050	0.016
72-20-8	Endrin	0.010	U	0.050	0.010
7421-93-4	Endrin aldehyde	0.0090	U	0.050	0.0090
53494-70-5	Endrin ketone	0.011	U	0.050	0.011
76-44-8	Heptachlor	0.010	U	0.050	0.010
1024-57-3	Heptachlor epoxide	0.010	U	0.050	0.010
72-43-5	Methoxychlor	0.013	U	0.050	0.013
8001-35-2	Toxaphene	0.20	U	0.50	0.20

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	83		49-132
2051-24-3	DCB Decachlorobiphenyl	92		37-144

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Sep12/09-12-12/12sep12a.b/xr138663.d
Lab Smp Id: MB 460-127381/1-A
Inj Date : 12-SEP-2012 12:22
Operator : Inst ID: PESTGC1.i
Smp Info : MB 460-127381/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Sep12/09-12-12/12sep12a.b/09Xr8081.m
Meth Date : 13-Sep-2012 09:20 ferdie Quant Type: ESTD
Cal Date : 11-SEP-2012 09:28 Cal File: xr138611.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

CONCENTRATIONS									
ON-COL				FINAL					
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/l)	TARGET RANGE	RATIO			
==	=====	=====	=====	=====	=====	=====	====	====	====
<hr/>									
\$ 28	Tetrachloro-m-xylene			CAS #: 877-09-8					
1.957	1.953	0.004	561802	83.4196	0.42	80.00-	120.00	100.00	
<hr/>									
\$ 30	Decachlorobiphenyl			CAS #: 2051-24-3					
9.433	9.433	0.000	396192	91.6763	0.46	80.00-	120.00	100.00	
<hr/>									

Data File: xr138663.d

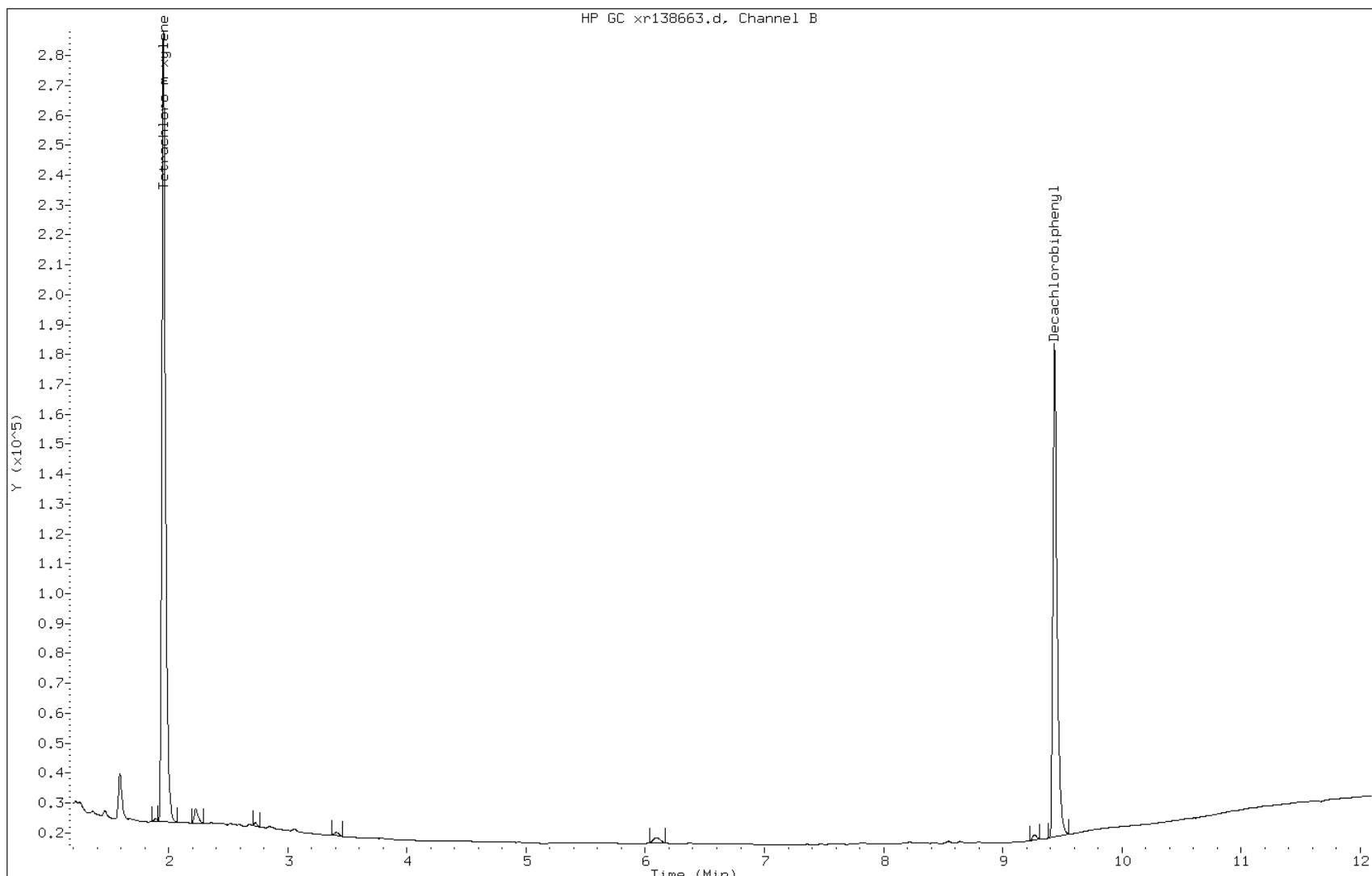
Date: 12-SEP-2012 12:22

Client ID:

Instrument: PESTGC1.i

Sample Info: MB 460-127381/1-A

Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-127454/1-A
Matrix: Solid Lab File ID: WF706773.D
Analysis Method: 8081A Date Collected: _____
Extraction Method: 3541 Date Extracted: 09/12/2012 02:33
Sample wt/vol: 15.00(g) Date Analyzed: 09/12/2012 15:24
Con. Extract Vol.: 10(mL) Dilution Factor: 1
Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)
% Moisture: _____ GPC Cleanup:(Y/N) N
Analysis Batch No.: 127675 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	94		40-150
2051-24-3	DCB Decachlorobiphenyl	96		53-150

Data File: WF706773.D
Report Date: 13-Sep-2012 08:50

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Sep12/09-12-12/12sep12b.b/WF706773.D
Lab Smp Id: MB 460-127454/1-
Inj Date : 12-SEP-2012 15:24
Operator : Inst ID: PESTGC4.i
Smp Info : MB 460-127454/1-
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Sep12/09-12-12/12sep12b.b/08Wf8081.m
Meth Date : 13-Sep-2012 08:49 ferdie Quant Type: ESTD
Cal Date : 10-SEP-2012 09:39 Cal File: WF706690.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

CONCENTRATIONS						
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene						
2.387	2.387	0.000	194080	47.1221	31 80.00- 120.00	100.00
-----	-----	-----	-----	-----	-----	-----
\$ 30 Decachlorobiphenyl						
9.940	9.940	0.000	139084	47.8704	32 80.00- 120.00	100.00
-----	-----	-----	-----	-----	-----	-----

Data File: WF706773.D

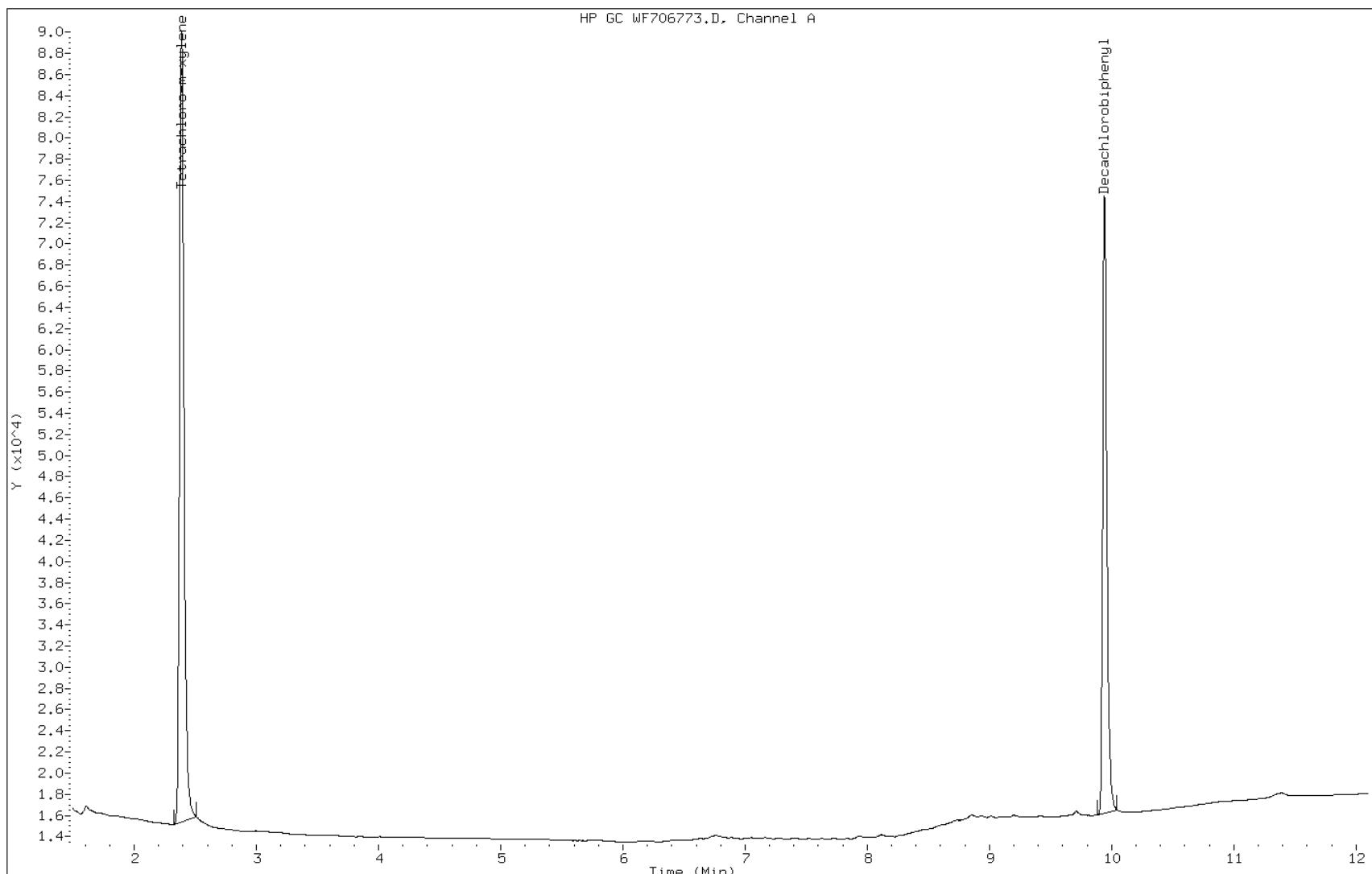
Date: 12-SEP-2012 15:24

Client ID:

Instrument: PESTGC4.i

Sample Info: MB 460-127454/1-

Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44405-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-127454/1-A
 Matrix: Solid Lab File ID: WR706773.D
 Analysis Method: 8081A Date Collected: _____
 Extraction Method: 3541 Date Extracted: 09/12/2012 02:33
 Sample wt/vol: 15.00(g) Date Analyzed: 09/12/2012 15:24
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: _____ GPC Cleanup:(Y/N) N
 Analysis Batch No.: 127675 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	1.5	U	6.7	1.5
319-84-6	alpha-BHC	1.2	U	6.7	1.2
319-85-7	beta-BHC	0.91	U	6.7	0.91
319-86-8	delta-BHC	1.0	U	6.7	1.0
58-89-9	gamma-BHC (Lindane)	0.78	U	6.7	0.78
57-74-9	Chlordane	15	U	67	15
72-54-8	4,4'-DDD	0.80	U	6.7	0.80
72-55-9	4,4'-DDE	1.3	U	6.7	1.3
50-29-3	4,4'-DDT	0.84	U	6.7	0.84
60-57-1	Dieldrin	1.3	U	6.7	1.3
959-98-8	Endosulfan I	1.4	U	6.7	1.4
33213-65-9	Endosulfan II	1.0	U	6.7	1.0
1031-07-8	Endosulfan sulfate	0.86	U	6.7	0.86
72-20-8	Endrin	0.94	U	6.7	0.94
7421-93-4	Endrin aldehyde	1.7	U	6.7	1.7
53494-70-5	Endrin ketone	0.99	U	6.7	0.99
76-44-8	Heptachlor	0.96	U	6.7	0.96
1024-57-3	Heptachlor epoxide	1.4	U	6.7	1.4
72-43-5	Methoxychlor	0.75	U	6.7	0.75
8001-35-2	Toxaphene	14	U	67	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	85		40-150
2051-24-3	DCB Decachlorobiphenyl	98		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Sep12/09-12-12/12sep12b.b/WR706773.D
Lab Smp Id: MB 460-127454/1-
Inj Date : 12-SEP-2012 15:24
Operator : Inst ID: PESTGC4.i
Smp Info : MB 460-127454/1-
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Sep12/09-12-12/12sep12b.b/08Wr8081.m
Meth Date : 13-Sep-2012 08:32 ferdie Quant Type: ESTD
Cal Date : 10-SEP-2012 09:39 Cal File: WR706690.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

CONCENTRATIONS						
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene						
1.900	1.900	0.000	186768	42.4828	28 80.00- 120.00	100.00

\$ 30 Decachlorobiphenyl						
8.950	8.947	0.003	154208	49.0038	33 80.00- 120.00	100.00

Data File: WR706773.D

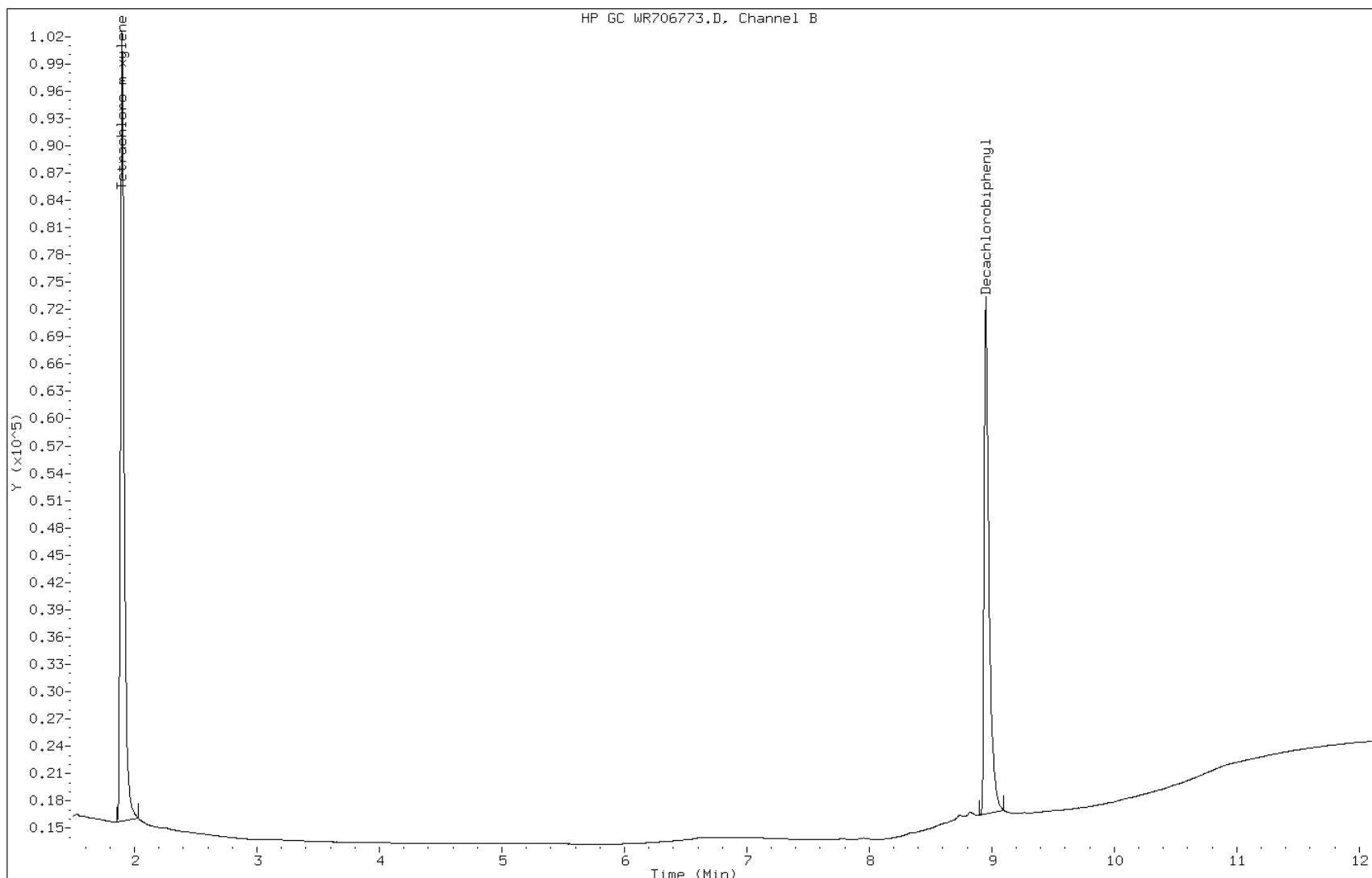
Date: 12-SEP-2012 15:24

Client ID:

Instrument: PESTGC4.i

Sample Info: MB 460-127454/1-

Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44405-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-127381/2-A
 Matrix: Water Lab File ID: xf138656.d
 Analysis Method: 8081A Date Collected: _____
 Extraction Method: 3510C Date Extracted: 09/11/2012 13:50
 Sample wt/vol: 1000 (mL) Date Analyzed: 09/12/2012 10:45
 Con. Extract Vol.: 5 (mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-2 ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 127690 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	1.84		0.050	0.010
319-84-6	alpha-BHC	1.80		0.050	0.010
319-85-7	beta-BHC	1.77		0.050	0.011
319-86-8	delta-BHC	1.79		0.050	0.0090
58-89-9	gamma-BHC (Lindane)	1.79		0.050	0.012
57-74-9	Chlordane	0.33	U	0.50	0.33
72-54-8	4,4'-DDD	2.01		0.050	0.011
72-55-9	4,4'-DDE	1.89		0.050	0.0090
50-29-3	4,4'-DDT	1.58		0.050	0.010
60-57-1	Dieldrin	1.67		0.050	0.0050
959-98-8	Endosulfan I	1.82		0.050	0.0090
33213-65-9	Endosulfan II	1.77		0.050	0.010
1031-07-8	Endosulfan sulfate	1.66		0.050	0.016
72-20-8	Endrin	1.69		0.050	0.010
7421-93-4	Endrin aldehyde	1.77		0.050	0.0090
53494-70-5	Endrin ketone	1.86		0.050	0.011
76-44-8	Heptachlor	1.76		0.050	0.010
1024-57-3	Heptachlor epoxide	1.79		0.050	0.010
72-43-5	Methoxychlor	1.68		0.050	0.013
8001-35-2	Toxaphene	0.20	U	0.50	0.20

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	103		49-132
2051-24-3	DCB Decachlorobiphenyl	87		37-144

Data File: xf138656.d
Report Date: 13-Sep-2012 11:45

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Sep12/09-12-12/12sep12a.b/xf138656.d
Lab Smp Id: LCS 460-127381/2
Inj Date : 12-SEP-2012 10:45
Operator : Inst ID: PESTGC1.i
Smp Info : LCS 460-127381/2
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Sep12/09-12-12/12sep12a.b/09Xf8081.m
Meth Date : 13-Sep-2012 10:34 ferdie Quant Type: ESTD
Cal Date : 11-SEP-2012 09:28 Cal File: xf138611.d
Als bottle: 1 QC Sample: BS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

CONCENTRATIONS									
ON-COL				FINAL					
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/l)	TARGET RANGE	RATIO			
==	=====	=====	=====	=====	=====	=====	====	====	====
 \$ 28 Tetrachloro-m-xylene									
2.300	2.300	0.000	303655	102.626	0.51	80.00-	120.00	100.00	
 2 alpha-BHC									
2.807	2.807	0.000	1467782	359.919	1.8	80.00-	120.00	100.00	
 5 gamma-BHC (Lindane)									
3.157	3.157	0.000	1324395	357.803	1.8	80.00-	120.00	100.00	
 3 beta-BHC									
3.247	3.247	0.000	633629	354.212	1.8	80.00-	120.00	100.00	
 4 delta-BHC									
3.653	3.653	0.000	1342618	357.333	1.8	80.00-	120.00	100.00	

Data File: xf138656.d
Report Date: 13-Sep-2012 11:45

RT	EXP RT	DLT RT	CONCENTRATIONS		TARGET RANGE	RATIO	
			ON-COL	FINAL			
==	=====	=====	=====	=====	=====	=====	
17 Heptachlor			CAS #:	76-44-8			
3.780	3.777	0.003	1361409	352.111	1.8	80.00- 120.00	100.00
1 Aldrin			CAS #:	309-00-2			
4.587	4.583	0.004	1431800	367.000	1.8	80.00- 120.00	100.00
18 Heptachlor epoxide			CAS #:	1024-57-3			
6.110	6.110	0.000	1317444	358.232	1.8	80.00- 120.00	100.00
65 gamma-Chlordane			CAS #:	5103-74-2			
6.587	6.587	0.000	1347642	357.953	1.8	80.00- 120.00	100.00
66 alpha-Chlordane			CAS #:	5103-71-9			
6.943	6.943	0.000	1265093	356.968	1.8	80.00- 120.00	100.00
8 4,4'-DDE			CAS #:	72-55-9			
7.250	7.250	0.000	1163315	377.588	1.9	80.00- 120.00	100.00
11 Endosulfan I			CAS #:	959-98-8			
7.077	7.077	0.000	1137742	364.670	1.8	80.00- 120.00	100.00
10 Dieldrin			CAS #:	60-57-1			
7.513	7.513	0.000	1041183	334.187	1.7	80.00- 120.00	100.00
14 Endrin			CAS #:	72-20-8			
7.883	7.883	0.000	880673	337.940	1.7	80.00- 120.00	100.00
7 4,4'-DDD			CAS #:	72-54-8			
7.990	7.990	0.000	952406	401.111	2.0	80.00- 120.00	100.00
12 Endosulfan II			CAS #:	33213-65-9			
8.127	8.130	-0.003	920418	353.853	1.8	80.00- 120.00	100.00
9 4,4'-DDT			CAS #:	50-29-3			
8.360	8.360	0.000	786753	316.948	1.6	80.00- 120.00	100.00
15 Endrin aldehyde			CAS #:	7421-93-4			
8.527	8.530	-0.003	738532	354.853	1.8	80.00- 120.00	100.00
19 Methoxychlor			CAS #:	72-43-5			
9.173	9.173	0.000	395709	335.723	1.7	80.00- 120.00	100.00
13 Endosulfan sulfate			CAS #:	1031-07-8			
8.860	8.863	-0.003	778032	332.562	1.7	80.00- 120.00	100.00
16 Endrin ketone			CAS #:	53494-70-5			
9.447	9.450	-0.003	898720	371.083	1.8	80.00- 120.00	100.00

Data File: xf138656.d
Report Date: 13-Sep-2012 11:45

RT	EXP RT	DLT RT	CONCENTRATIONS			TARGET RANGE	RATIO
			ON-COL		FINAL		
			RESPONSE (ug/L)	(ug/l)	=====		
==	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl			CAS #:	2051-24-3			
10.377	10.377	0.000	202112	87.4122	0.44	80.00- 120.00	100.00

Data File: xf138656.d

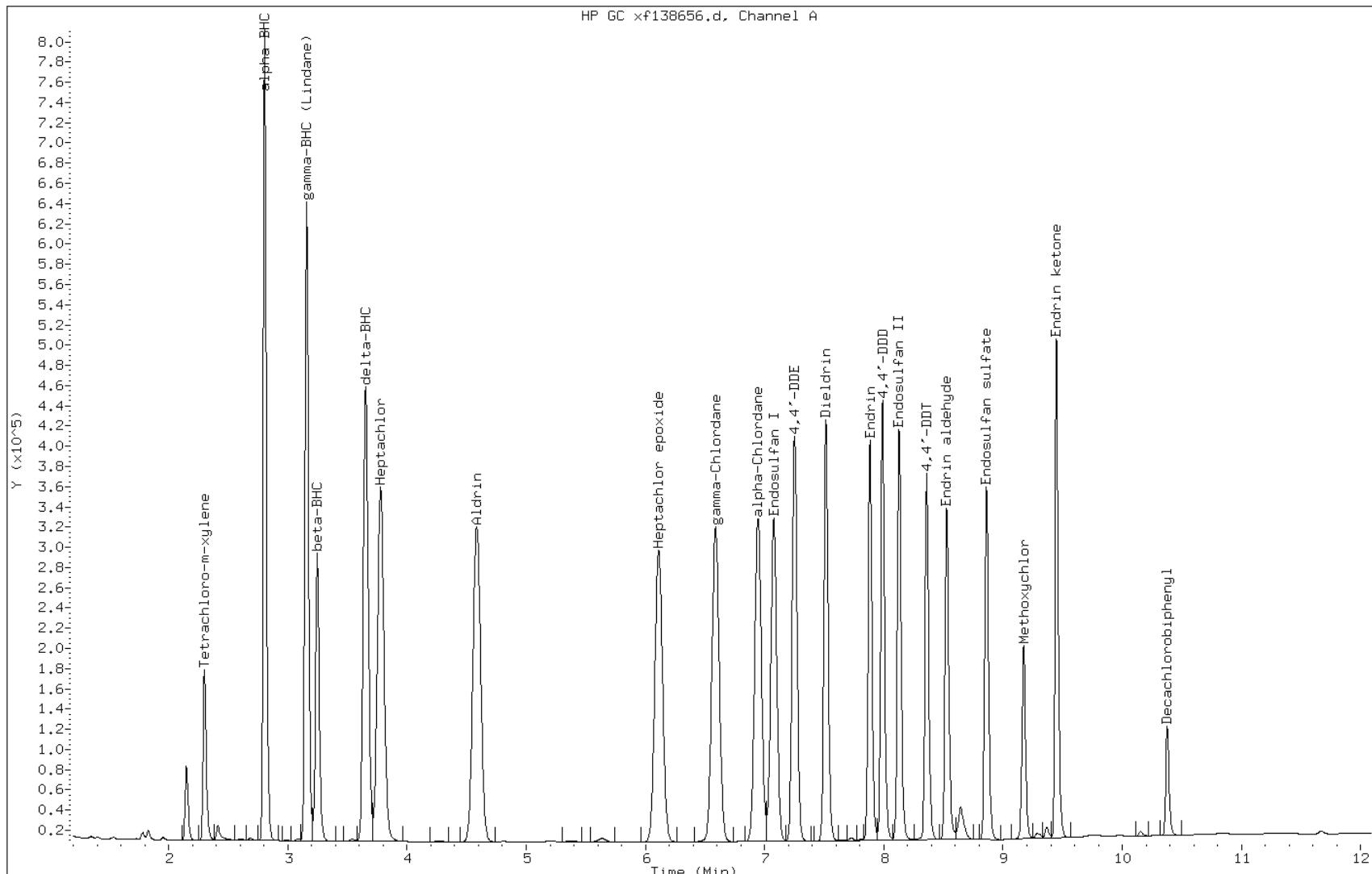
Date: 12-SEP-2012 10:45

Client ID:

Instrument: PESTGC1.i

Sample Info: LCS 460-127381/2

Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 460-127381/2-A
Matrix: Water Lab File ID: xr138656.d
Analysis Method: 8081A Date Collected: _____
Extraction Method: 3510C Date Extracted: 09/11/2012 13:50
Sample wt/vol: 1000 (mL) Date Analyzed: 09/12/2012 10:45
Con. Extract Vol.: 5 (mL) Dilution Factor: 1
Injection Volume: _____ GC Column: CLP-1 ID: 0.53 (mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 127690 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	<i>Aldrin</i>	1.69		0.050	0.010
319-84-6	<i>alpha-BHC</i>	1.59		0.050	0.010
319-85-7	<i>beta-BHC</i>	1.59		0.050	0.011
319-86-8	<i>delta-BHC</i>	1.57		0.050	0.0090
58-89-9	<i>gamma-BHC (Lindane)</i>	1.56		0.050	0.012
57-74-9	<i>Chlordane</i>	0.33	U	0.50	0.33
72-54-8	<i>4,4'-DDD</i>	1.90		0.050	0.011
72-55-9	<i>4,4'-DDE</i>	1.78		0.050	0.0090
50-29-3	<i>4,4'-DDT</i>	1.53		0.050	0.010
60-57-1	<i>Dieldrin</i>	1.59		0.050	0.0050
959-98-8	<i>Endosulfan I</i>	1.67		0.050	0.0090
33213-65-9	<i>Endosulfan II</i>	1.63		0.050	0.010
1031-07-8	<i>Endosulfan sulfate</i>	1.57		0.050	0.016
72-20-8	<i>Endrin</i>	1.59		0.050	0.010
7421-93-4	<i>Endrin aldehyde</i>	1.70		0.050	0.0090
53494-70-5	<i>Endrin ketone</i>	1.67		0.050	0.011
76-44-8	<i>Heptachlor</i>	1.62		0.050	0.010
1024-57-3	<i>Heptachlor epoxide</i>	1.66		0.050	0.010
72-43-5	<i>Methoxychlor</i>	1.55		0.050	0.013
8001-35-2	<i>Toxaphene</i>	0.20	U	0.50	0.20

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	107		49-132
2051-24-3	DCB Decachlorobiphenyl	86		37-144

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Sep12/09-12-12/12sep12a.b/xr138656.d
Lab Smp Id: LCS 460-127381/2
Inj Date : 12-SEP-2012 10:45
Operator : Inst ID: PESTGC1.i
Smp Info : LCS 460-127381/2
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Sep12/09-12-12/12sep12a.b/09Xr8081.m
Meth Date : 13-Sep-2012 09:20 ferdie Quant Type: ESTD
Cal Date : 11-SEP-2012 09:28 Cal File: xr138611.d
Als bottle: 1 QC Sample: BS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

CONCENTRATIONS						
RT	EXP RT	DLT RT	ON-COL RESPONSE (ug/L)	FINAL (ug/l)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene				CAS #: 877-09-8		
1.953	1.953	0.000	717924 106.601	0.53	80.00- 120.00	100.00

2 alpha-BHC				CAS #: 319-84-6		
2.343	2.343	0.000	2838583 317.124	1.6	80.00- 120.00	100.00

5 gamma-BHC (Lindane)				CAS #: 58-89-9		
2.570	2.567	0.003	2441037 311.700	1.6	80.00- 120.00	100.00

3 beta-BHC				CAS #: 319-85-7		
2.633	2.630	0.003	1290233 317.550	1.6	80.00- 120.00	100.00

4 delta-BHC				CAS #: 319-86-8		
2.763	2.763	0.000	2432754 314.399	1.6	80.00- 120.00	100.00

RT	EXP RT	DLT RT	CONCENTRATIONS		TARGET RANGE	RATIO	
			ON-COL	FINAL			
==	=====	=====	=====	=====	=====	=====	
17 Heptachlor			CAS #: 76-44-8				
2.933	2.933	0.000	2327753	324.585	1.6	80.00- 120.00	100.00
1 Aldrin			CAS #: 309-00-2				
3.210	3.210	0.000	2318081	338.670	1.7	80.00- 120.00	100.00
18 Heptachlor epoxide			CAS #: 1024-57-3				
4.147	4.143	0.004	2324381	332.061	1.7	80.00- 120.00	100.00
65 gamma-Chlordane			CAS #: 5103-74-2				
4.437	4.437	0.000	2541075	347.791	1.7	80.00- 120.00	100.00
66 alpha-Chlordane			CAS #: 5103-71-9				
4.750	4.750	0.000	2417679	349.636	1.7	80.00- 120.00	100.00
8 4,4'-DDE			CAS #: 72-55-9				
4.957	4.957	0.000	2364472	355.371	1.8	80.00- 120.00	100.00
11 Endosulfan I			CAS #: 959-98-8				
5.077	5.077	0.000	2148707	333.836	1.7	80.00- 120.00	100.00
10 Dieldrin			CAS #: 60-57-1				
5.683	5.683	0.000	2196240	318.757	1.6	80.00- 120.00	100.00
14 Endrin			CAS #: 72-20-8				
6.273	6.270	0.003	2006425	318.968	1.6	80.00- 120.00	100.00
7 4,4'-DDD			CAS #: 72-54-8				
6.460	6.460	0.000	2131485	379.836	1.9	80.00- 120.00	100.00
12 Endosulfan II			CAS #: 33213-65-9				
6.807	6.803	0.004	1928992	326.262	1.6	80.00- 120.00	100.00
9 4,4'-DDT			CAS #: 50-29-3				
7.087	7.087	0.000	1763349	305.679	1.5	80.00- 120.00	100.00
15 Endrin aldehyde			CAS #: 7421-93-4				
7.523	7.520	0.003	1384482	340.194	1.7	80.00- 120.00	100.00
19 Methoxychlor			CAS #: 72-43-5				
7.757	7.757	0.000	809082	309.247	1.5	80.00- 120.00	100.00
13 Endosulfan sulfate			CAS #: 1031-07-8				
8.017	8.017	0.000	1388201	313.319	1.6	80.00- 120.00	100.00
16 Endrin ketone			CAS #: 53494-70-5				
8.330	8.330	0.000	1624825	333.877	1.7	80.00- 120.00	100.00

Data File: xr138656.d
Report Date: 13-Sep-2012 11:45

Page 3

RT	EXP RT	DLT RT	CONCENTRATIONS			RATIO
			ON-COL		FINAL	
			RESPONSE (ug/L)	(ug/l)	TARGET RANGE	
==	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl			CAS #:	2051-24-3		
9.433	9.433	0.000	370861	85.8148	0.43	80.00- 120.00 100.00

Data File: xr138656.d

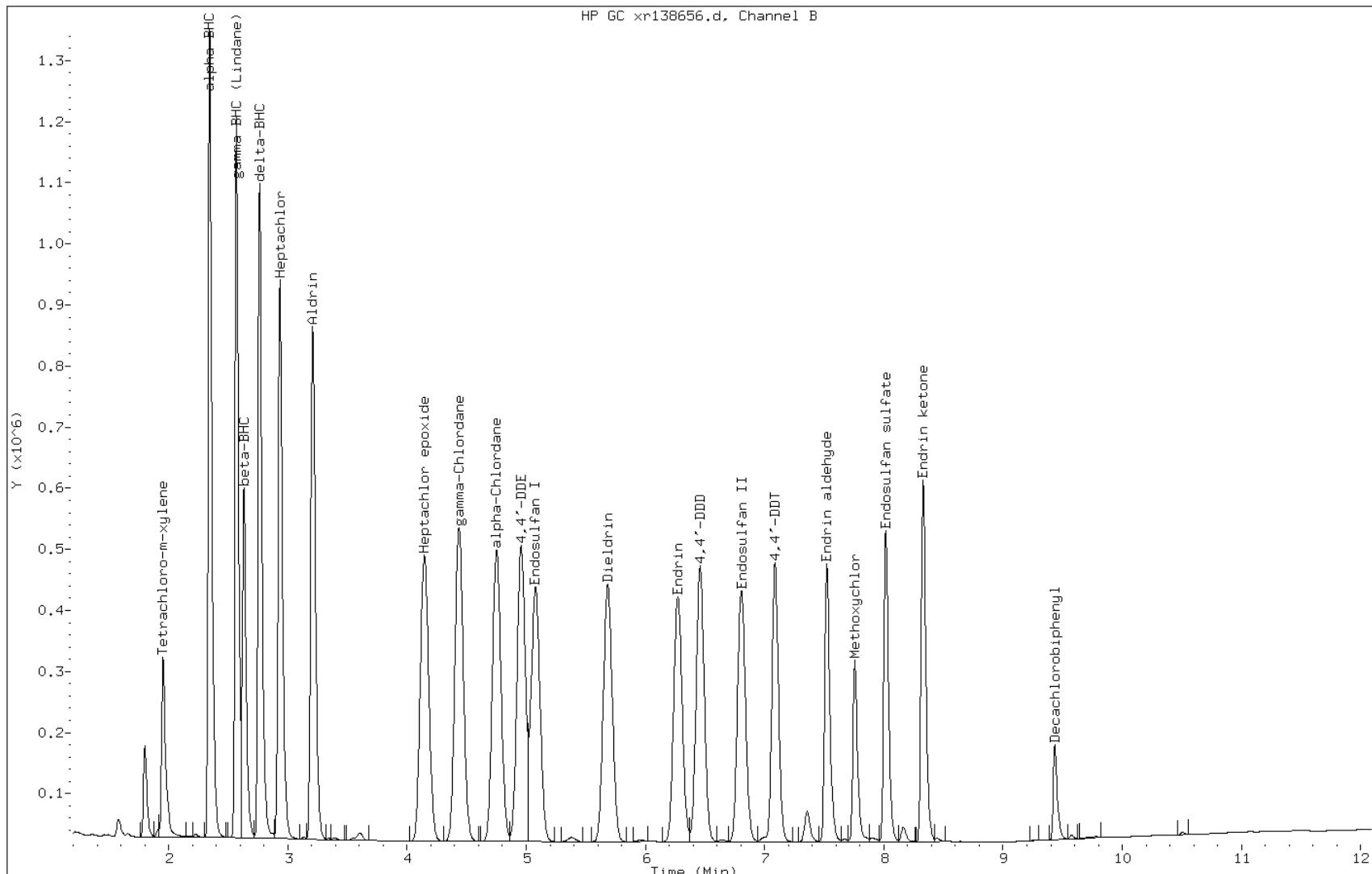
Date: 12-SEP-2012 10:45

Client ID:

Instrument: PESTGC1.i

Sample Info: LCS 460-127381/2

Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 460-127454/2-A
Matrix: Solid Lab File ID: WF706755.D
Analysis Method: 8081A Date Collected: _____
Extraction Method: 3541 Date Extracted: 09/12/2012 02:33
Sample wt/vol: 15.00(g) Date Analyzed: 09/12/2012 11:14
Con. Extract Vol.: 10(mL) Dilution Factor: 1
Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)
% Moisture: _____ GPC Cleanup:(Y/N) N
Analysis Batch No.: 127675 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	<i>Aldrin</i>	123		6.7	1.5
319-84-6	<i>alpha-BHC</i>	119		6.7	1.2
319-85-7	<i>beta-BHC</i>	122		6.7	0.91
319-86-8	<i>delta-BHC</i>	114		6.7	1.0
58-89-9	<i>gamma-BHC (Lindane)</i>	118		6.7	0.78
57-74-9	<i>Chlordane</i>	15	<i>U</i>	67	15
72-54-8	<i>4,4'-DDD</i>	131		6.7	0.80
72-55-9	<i>4,4'-DDE</i>	128		6.7	1.3
50-29-3	<i>4,4'-DDT</i>	130		6.7	0.84
60-57-1	<i>Dieldrin</i>	113		6.7	1.3
959-98-8	<i>Endosulfan I</i>	123		6.7	1.4
33213-65-9	<i>Endosulfan II</i>	126		6.7	1.0
1031-07-8	<i>Endosulfan sulfate</i>	111		6.7	0.86
72-20-8	<i>Endrin</i>	123		6.7	0.94
7421-93-4	<i>Endrin aldehyde</i>	118		6.7	1.7
53494-70-5	<i>Endrin ketone</i>	114		6.7	0.99
76-44-8	<i>Heptachlor</i>	131		6.7	0.96
1024-57-3	<i>Heptachlor epoxide</i>	119		6.7	1.4
72-43-5	<i>Methoxychlor</i>	153		6.7	0.75
8001-35-2	<i>Toxaphene</i>	14	<i>U</i>	67	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	95		40-150
2051-24-3	DCB Decachlorobiphenyl	95		53-150

Data File: WF706755.D
Report Date: 13-Sep-2012 09:06

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Sep12/09-12-12/12sep12b.b/WF706755.D
Lab Smp Id: LCS 460-127454/2
Inj Date : 12-SEP-2012 11:14
Operator : Inst ID: PESTGC4.i
Smp Info : LCS 460-127454/2
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Sep12/09-12-12/12sep12b.b/08Wf8081.m
Meth Date : 13-Sep-2012 08:50 ferdie Quant Type: ESTD
Cal Date : 10-SEP-2012 09:39 Cal File: WF706690.D
Als bottle: 1 QC Sample: BS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOIL

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

CONCENTRATIONS						
	ON-COL	FINAL				
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene				CAS #: 877-09-8		
2.387	2.387	0.000	194665	47.2641	32 80.00- 120.00	100.00

2 alpha-BHC				CAS #: 319-84-6		
3.487	3.490	-0.003	1053661	178.685	120 80.00- 120.00	100.00

5 gamma-BHC (Lindane)				CAS #: 58-89-9		
4.207	4.210	-0.003	943405	177.264	120 80.00- 120.00	100.00

3 beta-BHC				CAS #: 319-85-7		
4.363	4.367	-0.004	452974	182.488	120 80.00- 120.00	100.00

4 delta-BHC				CAS #: 319-86-8		
4.953	4.960	-0.007	793144	170.439	110 80.00- 120.00	100.00

Data File: WF706755.D
Report Date: 13-Sep-2012 09:06

RT	EXP RT	DLT RT	CONCENTRATIONS		TARGET RANGE	RATIO	
			ON-COL	FINAL			
==	=====	=====	=====	=====	=====	=====	
17 Heptachlor			CAS #:	76-44-8			
5.097	5.100	-0.003	952611	195.794	130	80.00- 120.00	100.00
1 Aldrin			CAS #:	309-00-2			
5.783	5.787	-0.004	924245	184.291	120	80.00- 120.00	100.00
18 Heptachlor epoxide			CAS #:	1024-57-3			
6.637	6.637	0.000	674921	178.829	120	80.00- 120.00	100.00
65 gamma-Chlordane			CAS #:	5103-74-2			
6.833	6.833	0.000	682681	179.352	120	80.00- 120.00	100.00
66 alpha-Chlordane			CAS #:	5103-71-9			
6.990	6.990	0.000	633270	176.462	120	80.00- 120.00	100.00
11 Endosulfan I			CAS #:	959-98-8			
7.060	7.063	-0.003	646428	185.046	120	80.00- 120.00	100.00
8 4,4'-DDE			CAS #:	72-55-9			
7.153	7.153	0.000	676793	191.325	130	80.00- 120.00	100.00
10 Dieldrin			CAS #:	60-57-1			
7.360	7.360	0.000	638618	169.249	110	80.00- 120.00	100.00
14 Endrin			CAS #:	72-20-8			
7.707	7.707	0.000	578045	184.386	120	80.00- 120.00	100.00
7 4,4'-DDD			CAS #:	72-54-8			
7.803	7.803	0.000	532567	197.156	130	80.00- 120.00	100.00
12 Endosulfan II			CAS #:	33213-65-9			
7.947	7.947	0.000	639859	189.447	130	80.00- 120.00	100.00
9 4,4'-DDT			CAS #:	50-29-3			
8.160	8.163	-0.003	512627	194.734	130	80.00- 120.00	100.00
15 Endrin aldehyde			CAS #:	7421-93-4			
8.310	8.310	0.000	417510	176.308	120	80.00- 120.00	100.00
13 Endosulfan sulfate			CAS #:	1031-07-8			
8.547	8.547	0.000	409585	166.137	110	80.00- 120.00	100.00
19 Methoxychlor			CAS #:	72-43-5			
8.737	8.737	0.000	244892	229.655	150	80.00- 120.00	100.00
16 Endrin ketone			CAS #:	53494-70-5			
8.943	8.943	0.000	461677	170.915	110	80.00- 120.00	100.00

Data File: WF706755.D
Report Date: 13-Sep-2012 09:06

RT	EXP RT	DLT RT	CONCENTRATIONS			TARGET RANGE	RATIO
			ON-COL	FINAL			
			=====	=====	=====		
\$ 30	Decachlorobiphenyl		CAS #:	2051-24-3			
9.940	9.940	0.000	138537	47.6821	32	80.00- 120.00	100.00

Data File: WF706755.D

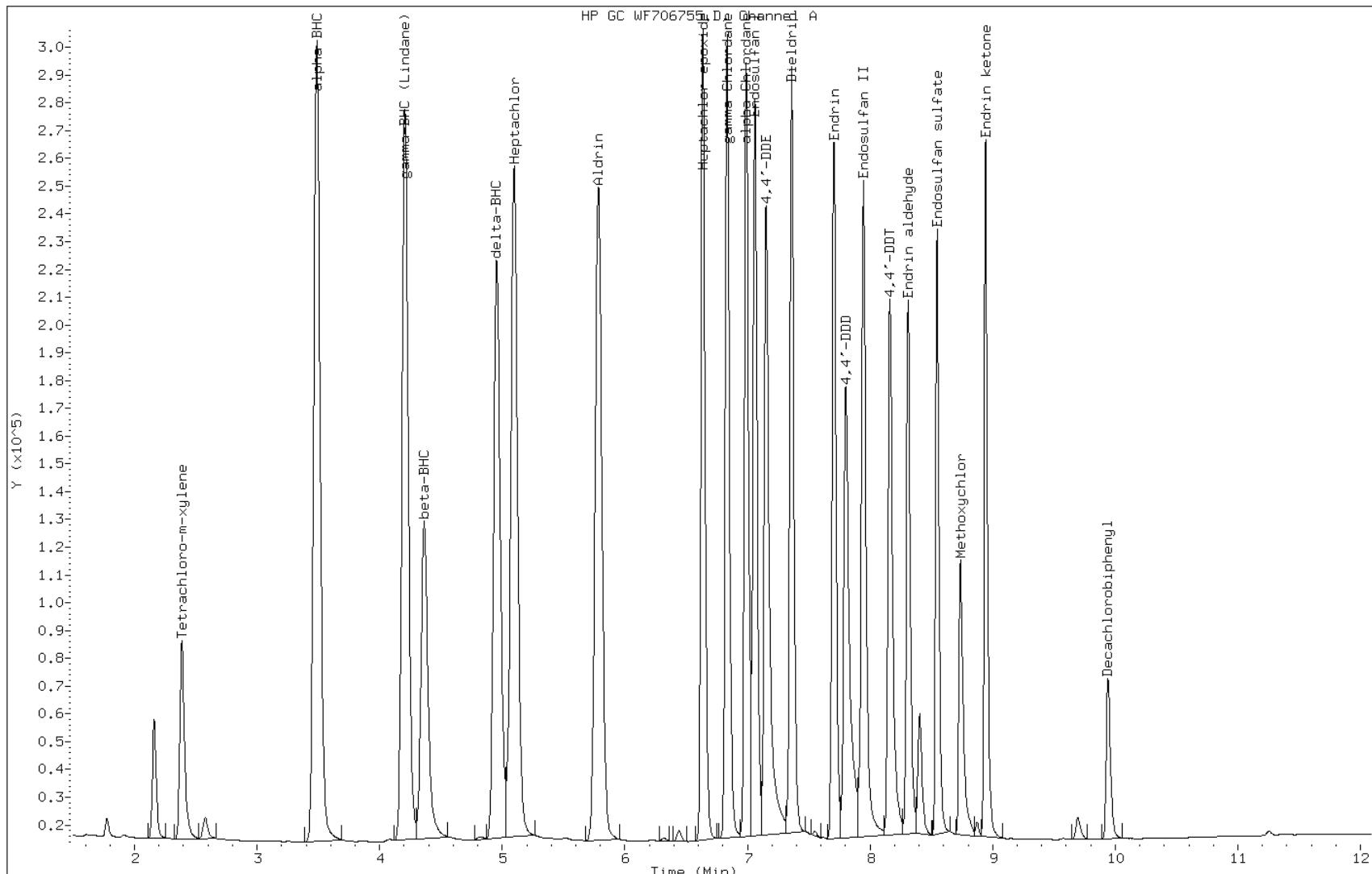
Date: 12-SEP-2012 11:14

Client ID:

Instrument: PESTGC4.i

Sample Info: LCS 460-127454/2

Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44405-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-127454/2-A
 Matrix: Solid Lab File ID: WR706755.D
 Analysis Method: 8081A Date Collected: _____
 Extraction Method: 3541 Date Extracted: 09/12/2012 02:33
 Sample wt/vol: 15.00(g) Date Analyzed: 09/12/2012 11:14
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: _____ GPC Cleanup:(Y/N) N
 Analysis Batch No.: 127675 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	123		6.7	1.5
319-84-6	<i>alpha-BHC</i>	114		6.7	1.2
319-85-7	<i>beta-BHC</i>	120		6.7	0.91
319-86-8	<i>delta-BHC</i>	117		6.7	1.0
58-89-9	<i>gamma-BHC (Lindane)</i>	116		6.7	0.78
57-74-9	Chlordane	15	U	67	15
72-54-8	<i>4,4'-DDD</i>	114		6.7	0.80
72-55-9	<i>4,4'-DDE</i>	101		6.7	1.3
50-29-3	<i>4,4'-DDT</i>	124		6.7	0.84
60-57-1	<i>Dieldrin</i>	110		6.7	1.3
959-98-8	Endosulfan I	139		6.7	1.4
33213-65-9	Endosulfan II	123		6.7	1.0
1031-07-8	Endosulfan sulfate	116		6.7	0.86
72-20-8	<i>Endrin</i>	122		6.7	0.94
7421-93-4	Endrin aldehyde	121		6.7	1.7
53494-70-5	Endrin ketone	116		6.7	0.99
76-44-8	<i>Heptachlor</i>	123		6.7	0.96
1024-57-3	Heptachlor epoxide	120		6.7	1.4
72-43-5	<i>Methoxychlor</i>	131		6.7	0.75
8001-35-2	Toxaphene	14	U	67	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	92		40-150
2051-24-3	DCB Decachlorobiphenyl	100		53-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Sep12/09-12-12/12sep12b.b/WR706755.D
Lab Smp Id: LCS 460-127454/2
Inj Date : 12-SEP-2012 11:14
Operator : Inst ID: PESTGC4.i
Smp Info : LCS 460-127454/2
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Sep12/09-12-12/12sep12b.b/08Wr8081.m
Meth Date : 13-Sep-2012 08:32 ferdie Quant Type: ESTD
Cal Date : 10-SEP-2012 09:39 Cal File: WR706690.D
Als bottle: 1 QC Sample: BS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

CONCENTRATIONS						
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene						
1.900	1.900	0.000	201169 45.7585	30	80.00- 120.00	100.00
-----	-----	-----	-----	-----	-----	-----
2 alpha-BHC						
2.447	2.450	-0.003	950695 170.561	110	80.00- 120.00	100.00
-----	-----	-----	-----	-----	-----	-----
5 gamma-BHC (Lindane)						
2.920	2.923	-0.003	903808 174.678	120	80.00- 120.00	100.00
-----	-----	-----	-----	-----	-----	-----
3 beta-BHC						
3.087	3.093	-0.006	441141 179.898	120	80.00- 120.00	100.00
-----	-----	-----	-----	-----	-----	-----
4 delta-BHC						
3.403	3.407	-0.004	798883 175.749	120	80.00- 120.00	100.00
-----	-----	-----	-----	-----	-----	-----

RT	EXP RT	DLT RT	CONCENTRATIONS		TARGET RANGE	RATIO
			ON-COL	FINAL		
==	=====	=====	=====	=====	=====	=====
17 Heptachlor				CAS #: 76-44-8		
3.783	3.787	-0.004	876411 184.122	120	80.00- 120.00	100.00
1 Aldrin				CAS #: 309-00-2		
4.323	4.330	-0.007	867469 184.646	120	80.00- 120.00	100.00
18 Heptachlor epoxide				CAS #: 1024-57-3		
5.437	5.440	-0.003	783860 180.282	120	80.00- 120.00	100.00
65 gamma-Chlordane				CAS #: 5103-74-2		
5.680	5.687	-0.007	815962 180.050	120	80.00- 120.00	100.00
66 alpha-Chlordane				CAS #: 5103-71-9		
5.947	5.950	-0.003	758299 181.159	120	80.00- 120.00	100.00
8 4,4'-DDE				CAS #: 72-55-9		
6.087	6.087	0.000	452537 151.094	100	80.00- 120.00	100.00
11 Endosulfan I				CAS #: 959-98-8		
6.170	6.170	0.000	924244 207.819	140	80.00- 120.00	100.00
10 Dieldrin				CAS #: 60-57-1		
6.470	6.473	-0.003	655422 165.070	110	80.00- 120.00	100.00
14 Endrin				CAS #: 72-20-8		
6.717	6.717	0.000	606129 183.377	120	80.00- 120.00	100.00
7 4,4'-DDD				CAS #: 72-54-8		
6.793	6.797	-0.004	502890 170.384	110	80.00- 120.00	100.00
12 Endosulfan II				CAS #: 33213-65-9		
6.947	6.947	0.000	673312 184.438	120	80.00- 120.00	100.00
9 4,4'-DDT				CAS #: 50-29-3		
7.073	7.073	0.000	635252 185.728	120	80.00- 120.00	100.00
15 Endrin aldehyde				CAS #: 7421-93-4		
7.380	7.380	0.000	512971 182.095	120	80.00- 120.00	100.00
19 Methoxychlor				CAS #: 72-43-5		
7.587	7.587	0.000	302791 196.432	130	80.00- 120.00	100.00
13 Endosulfan sulfate				CAS #: 1031-07-8		
7.850	7.850	0.000	510426 173.751	120	80.00- 120.00	100.00
16 Endrin ketone				CAS #: 53494-70-5		
8.160	8.160	0.000	559871 173.704	120	80.00- 120.00	100.00

Data File: WR706755.D
Report Date: 13-Sep-2012 09:06

Page 3

RT	EXP RT	DLT RT	CONCENTRATIONS				RATIO
			RESPONSE (ug/L)		ON-COL FINAL		
			=====	=====	=====	=====	
\$ 30	Decachlorobiphenyl		CAS #:	2051-24-3			
8.950	8.947	0.003	156987	49.8869	33	80.00- 120.00	100.00

Data File: WR706755.D

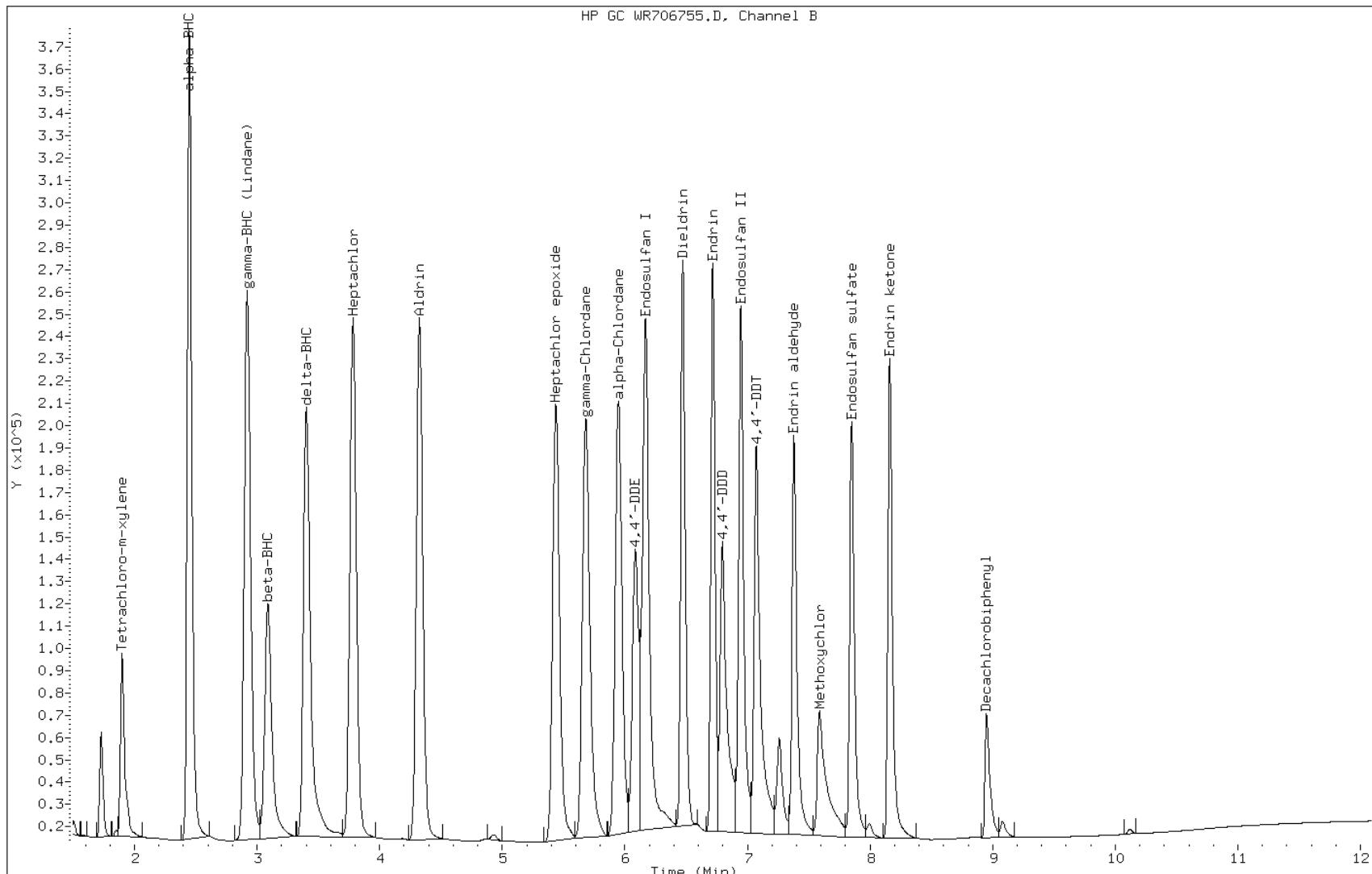
Date: 12-SEP-2012 11:14

Client ID:

Instrument: PESTGC4.i

Sample Info: LCS 460-127454/2

Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44405-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-127381/3-A
 Matrix: Water Lab File ID: xf138657.d
 Analysis Method: 8081A Date Collected: _____
 Extraction Method: 3510C Date Extracted: 09/11/2012 13:50
 Sample wt/vol: 1000 (mL) Date Analyzed: 09/12/2012 10:59
 Con. Extract Vol.: 5 (mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-2 ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 127690 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	2.04		0.050	0.010
319-84-6	alpha-BHC	2.01		0.050	0.010
319-85-7	beta-BHC	1.98		0.050	0.011
319-86-8	delta-BHC	2.03		0.050	0.0090
58-89-9	gamma-BHC (Lindane)	2.01		0.050	0.012
57-74-9	Chlordane	0.33	U	0.50	0.33
72-54-8	4,4'-DDD	2.22		0.050	0.011
72-55-9	4,4'-DDE	2.09		0.050	0.0090
50-29-3	4,4'-DDT	1.76		0.050	0.010
60-57-1	Dieldrin	1.88		0.050	0.0050
959-98-8	Endosulfan I	2.03		0.050	0.0090
33213-65-9	Endosulfan II	1.97		0.050	0.010
1031-07-8	Endosulfan sulfate	1.91		0.050	0.016
72-20-8	Endrin	1.82		0.050	0.010
7421-93-4	Endrin aldehyde	2.01		0.050	0.0090
53494-70-5	Endrin ketone	2.07		0.050	0.011
76-44-8	Heptachlor	1.95		0.050	0.010
1024-57-3	Heptachlor epoxide	1.99		0.050	0.010
72-43-5	Methoxychlor	1.87		0.050	0.013
8001-35-2	Toxaphene	0.20	U	0.50	0.20

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	108		49-132
2051-24-3	DCB Decachlorobiphenyl	87		37-144

Data File: xf138657.d
Report Date: 13-Sep-2012 11:45

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Sep12/09-12-12/12sep12a.b/xf138657.d
Lab Smp Id: LCSD 460-127381/
Inj Date : 12-SEP-2012 10:59
Operator : Inst ID: PESTGC1.i
Smp Info : LCSD 460-127381/
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Sep12/09-12-12/12sep12a.b/09Xf8081.m
Meth Date : 13-Sep-2012 10:34 ferdie Quant Type: ESTD
Cal Date : 11-SEP-2012 09:28 Cal File: xf138611.d
Als bottle: 1 QC Sample: BSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

CONCENTRATIONS									
ON-COL				FINAL					
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/l)	TARGET RANGE	RATIO			
==	=====	=====	=====	=====	=====	=====	====	====	====
 \$ 28 Tetrachloro-m-xylene									
2.303	2.300	0.003	318367	107.598	0.54	80.00-	120.00	100.00	
 2 alpha-BHC									
2.807	2.807	0.000	1642742	402.821	2.0	80.00-	120.00	100.00	
 5 gamma-BHC (Lindane)									
3.160	3.157	0.003	1488564	402.156	2.0	80.00-	120.00	100.00	
 3 beta-BHC									
3.250	3.247	0.003	710099	396.960	2.0	80.00-	120.00	100.00	
 4 delta-BHC									
3.657	3.653	0.004	1522930	405.322	2.0	80.00-	120.00	100.00	

Data File: xf138657.d
Report Date: 13-Sep-2012 11:45

RT	EXP RT	DLT RT	CONCENTRATIONS		TARGET RANGE	RATIO	
			ON-COL	FINAL			
==	=====	=====	=====	=====	=====	=====	
17 Heptachlor			CAS #:	76-44-8			
3.780	3.777	0.003	1508764	390.222	2.0	80.00- 120.00	100.00
1 Aldrin			CAS #:	309-00-2			
4.587	4.583	0.004	1589685	407.469	2.0	80.00- 120.00	100.00
18 Heptachlor epoxide			CAS #:	1024-57-3			
6.113	6.110	0.003	1463686	397.997	2.0	80.00- 120.00	100.00
65 gamma-Chlordane			CAS #:	5103-74-2			
6.590	6.587	0.003	1502101	398.980	2.0	80.00- 120.00	100.00
66 alpha-Chlordane			CAS #:	5103-71-9			
6.943	6.943	0.000	1417475	399.965	2.0	80.00- 120.00	100.00
8 4,4'-DDE			CAS #:	72-55-9			
7.253	7.250	0.003	1289679	418.603	2.1	80.00- 120.00	100.00
11 Endosulfan I			CAS #:	959-98-8			
7.077	7.077	0.000	1265765	405.704	2.0	80.00- 120.00	100.00
10 Dieldrin			CAS #:	60-57-1			
7.513	7.513	0.000	1169980	375.526	1.9	80.00- 120.00	100.00
14 Endrin			CAS #:	72-20-8			
7.883	7.883	0.000	949624	364.399	1.8	80.00- 120.00	100.00
7 4,4'-DDD			CAS #:	72-54-8			
7.990	7.990	0.000	1055716	444.621	2.2	80.00- 120.00	100.00
12 Endosulfan II			CAS #:	33213-65-9			
8.130	8.130	0.000	1024580	393.898	2.0	80.00- 120.00	100.00
9 4,4'-DDT			CAS #:	50-29-3			
8.360	8.360	0.000	876127	352.953	1.8	80.00- 120.00	100.00
15 Endrin aldehyde			CAS #:	7421-93-4			
8.530	8.530	0.000	836518	401.934	2.0	80.00- 120.00	100.00
19 Methoxychlor			CAS #:	72-43-5			
9.173	9.173	0.000	441281	374.386	1.9	80.00- 120.00	100.00
13 Endosulfan sulfate			CAS #:	1031-07-8			
8.863	8.863	0.000	891465	381.048	1.9	80.00- 120.00	100.00
16 Endrin ketone			CAS #:	53494-70-5			
9.450	9.450	0.000	1003637	414.404	2.1	80.00- 120.00	100.00

Data File: xf138657.d
Report Date: 13-Sep-2012 11:45

RT	EXP RT	DLT RT	CONCENTRATIONS			TARGET RANGE	RATIO
			ON-COL		FINAL		
			RESPONSE (ug/L)	(ug/l)	=====		
==	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl			CAS #:	2051-24-3			
10.377	10.377	0.000	201465	87.1322	0.44	80.00- 120.00	100.00

Data File: xf138657.d

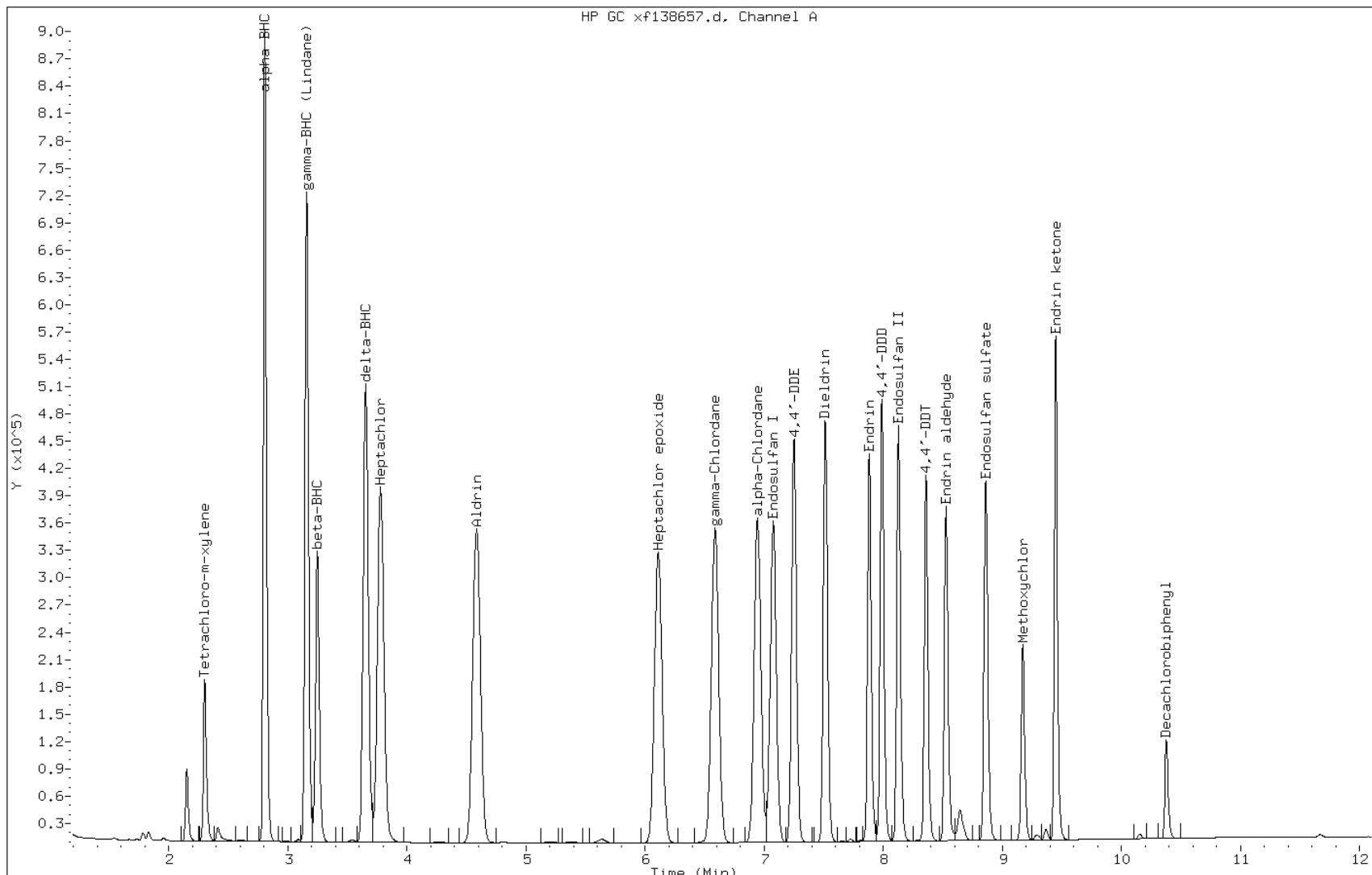
Date: 12-SEP-2012 10:59

Client ID:

Instrument: PESTGC1.i

Sample Info: LCSD 460-127381/

Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCSD 460-127381/3-A
Matrix: Water Lab File ID: xr138657.d
Analysis Method: 8081A Date Collected: _____
Extraction Method: 3510C Date Extracted: 09/11/2012 13:50
Sample wt/vol: 1000 (mL) Date Analyzed: 09/12/2012 10:59
Con. Extract Vol.: 5 (mL) Dilution Factor: 1
Injection Volume: _____ GC Column: CLP-1 ID: 0.53 (mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 127690 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	<i>Aldrin</i>	1.77		0.050	0.010
319-84-6	<i>alpha-BHC</i>	1.71		0.050	0.010
319-85-7	<i>beta-BHC</i>	1.74		0.050	0.011
319-86-8	<i>delta-BHC</i>	1.70		0.050	0.0090
58-89-9	<i>gamma-BHC (Lindane)</i>	1.67		0.050	0.012
57-74-9	<i>Chlordane</i>	0.33	U	0.50	0.33
72-54-8	<i>4,4'-DDD</i>	2.00		0.050	0.011
72-55-9	<i>4,4'-DDE</i>	1.86		0.050	0.0090
50-29-3	<i>4,4'-DDT</i>	1.63		0.050	0.010
60-57-1	<i>Dieldrin</i>	1.68		0.050	0.0050
959-98-8	<i>Endosulfan I</i>	1.77		0.050	0.0090
33213-65-9	<i>Endosulfan II</i>	1.73		0.050	0.010
1031-07-8	<i>Endosulfan sulfate</i>	1.69		0.050	0.016
72-20-8	<i>Endrin</i>	1.64		0.050	0.010
7421-93-4	<i>Endrin aldehyde</i>	1.84		0.050	0.0090
53494-70-5	<i>Endrin ketone</i>	1.82		0.050	0.011
76-44-8	<i>Heptachlor</i>	1.70		0.050	0.010
1024-57-3	<i>Heptachlor epoxide</i>	1.74		0.050	0.010
72-43-5	<i>Methoxychlor</i>	1.65		0.050	0.013
8001-35-2	<i>Toxaphene</i>	0.20	U	0.50	0.20

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	106		49-132
2051-24-3	DCB Decachlorobiphenyl	86		37-144

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Sep12/09-12-12/12sep12a.b/xr138657.d
Lab Smp Id: LCSD 460-127381/
Inj Date : 12-SEP-2012 10:59
Operator : Inst ID: PESTGC1.i
Smp Info : LCSD 460-127381/
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Sep12/09-12-12/12sep12a.b/09Xr8081.m
Meth Date : 13-Sep-2012 09:20 ferdie Quant Type: ESTD
Cal Date : 11-SEP-2012 09:28 Cal File: xr138611.d
Als bottle: 1 QC Sample: BSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

CONCENTRATIONS						
RT	EXP RT	DLT RT	ON-COL	FINAL	RESPONSE (ug/L)	(ug/l)
==	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8	
1.957	1.953	0.004	714488	106.091	0.53	80.00- 120.00 100.00

2 alpha-BHC					CAS #: 319-84-6	
2.347	2.343	0.004	3059766	341.835	1.7	80.00- 120.00 100.00

5 gamma-BHC (Lindane)					CAS #: 58-89-9	
2.570	2.567	0.003	2613863	333.769	1.7	80.00- 120.00 100.00

3 beta-BHC					CAS #: 319-85-7	
2.633	2.630	0.003	1412282	347.589	1.7	80.00- 120.00 100.00

4 delta-BHC					CAS #: 319-86-8	
2.763	2.763	0.000	2625296	339.283	1.7	80.00- 120.00 100.00

RT	EXP RT	DLT RT	CONCENTRATIONS		TARGET RANGE	RATIO	
			ON-COL	FINAL			
==	=====	=====	=====	=====	=====	=====	
17 Heptachlor			CAS #: 76-44-8				
2.937	2.933	0.004	2440987	340.374	1.7	80.00- 120.00	100.00
1 Aldrin			CAS #: 309-00-2				
3.210	3.210	0.000	2426818	354.556	1.8	80.00- 120.00	100.00
18 Heptachlor epoxide			CAS #: 1024-57-3				
4.150	4.143	0.007	2436103	348.021	1.7	80.00- 120.00	100.00
65 gamma-Chlordane			CAS #: 5103-74-2				
4.437	4.437	0.000	2690090	368.186	1.8	80.00- 120.00	100.00
66 alpha-Chlordane			CAS #: 5103-71-9				
4.753	4.750	0.003	2558305	369.973	1.8	80.00- 120.00	100.00
8 4,4'-DDE			CAS #: 72-55-9				
4.957	4.957	0.000	2471164	371.407	1.8	80.00- 120.00	100.00
11 Endosulfan I			CAS #: 959-98-8				
5.080	5.077	0.003	2280007	354.236	1.8	80.00- 120.00	100.00
10 Dieldrin			CAS #: 60-57-1				
5.683	5.683	0.000	2314382	335.904	1.7	80.00- 120.00	100.00
14 Endrin			CAS #: 72-20-8				
6.273	6.270	0.003	2058933	327.315	1.6	80.00- 120.00	100.00
7 4,4'-DDD			CAS #: 72-54-8				
6.460	6.460	0.000	2240026	399.178	2.0	80.00- 120.00	100.00
12 Endosulfan II			CAS #: 33213-65-9				
6.807	6.803	0.004	2042930	345.533	1.7	80.00- 120.00	100.00
9 4,4'-DDT			CAS #: 50-29-3				
7.087	7.087	0.000	1878063	325.564	1.6	80.00- 120.00	100.00
15 Endrin aldehyde			CAS #: 7421-93-4				
7.523	7.520	0.003	1501375	368.917	1.8	80.00- 120.00	100.00
19 Methoxychlor			CAS #: 72-43-5				
7.757	7.757	0.000	863303	329.971	1.6	80.00- 120.00	100.00
13 Endosulfan sulfate			CAS #: 1031-07-8				
8.017	8.017	0.000	1499663	338.476	1.7	80.00- 120.00	100.00
16 Endrin ketone			CAS #: 53494-70-5				
8.330	8.330	0.000	1769448	363.595	1.8	80.00- 120.00	100.00

Data File: xr138657.d
Report Date: 13-Sep-2012 11:45

Page 3

RT	EXP RT	DLT RT	CONCENTRATIONS			TARGET RANGE	RATIO
			ON-COL		FINAL		
			RESPONSE	(ug/L)	(ug/l)		
\$ 30	Decachlorobiphenyl				CAS #: 2051-24-3		
9.433	9.433	0.000	370788	85.7979	0.43	80.00- 120.00	100.00

Data File: xr138657.d

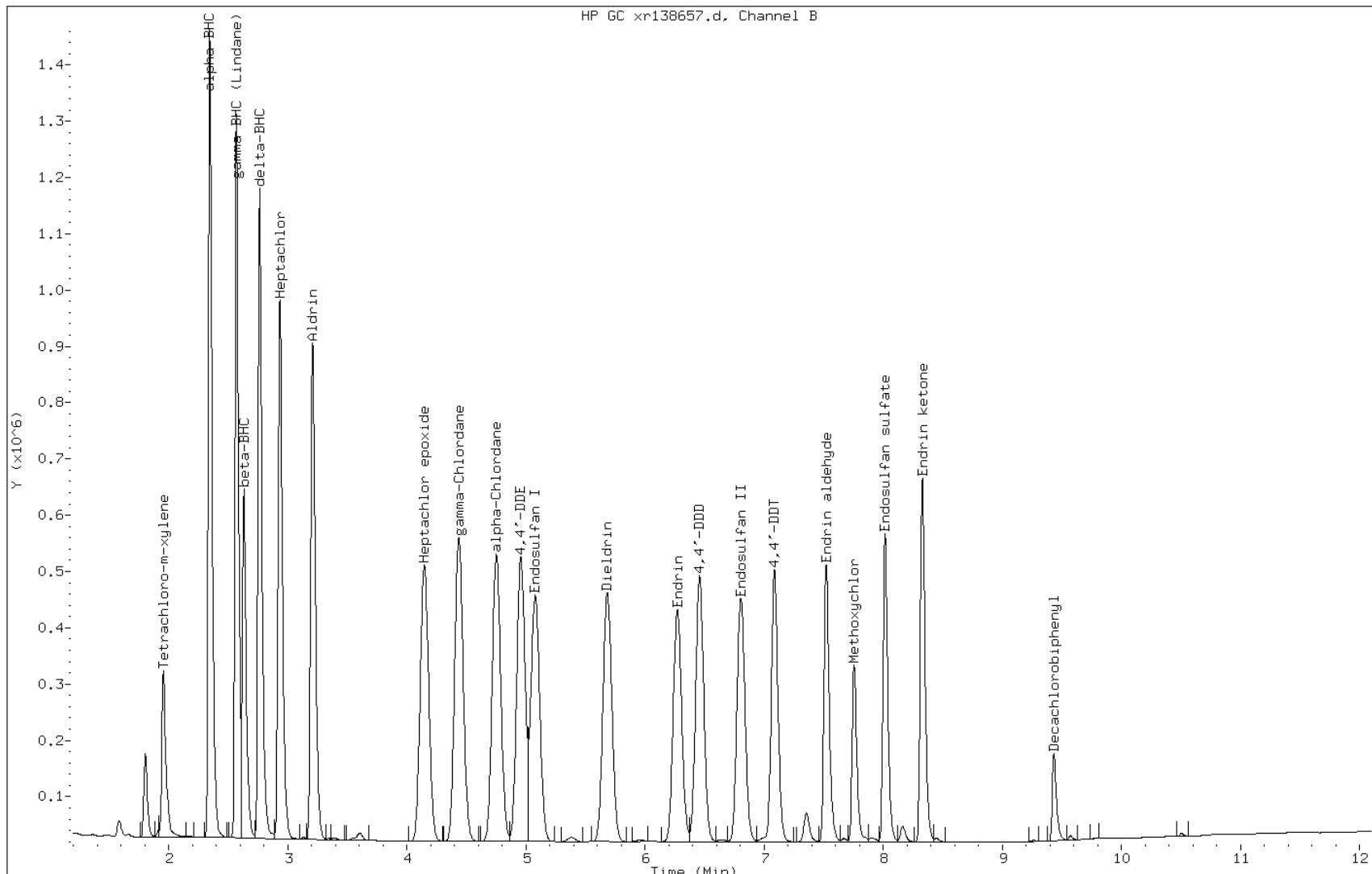
Date: 12-SEP-2012 10:59

Client ID:

Instrument: PESTGC1.i

Sample Info: LCSD 460-127381/

Operator:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: 450-6512-A-6-D MS
Matrix: Solid Lab File ID: WF706756.D
Analysis Method: 8081A Date Collected: _____
Extraction Method: 3541 Date Extracted: 09/12/2012 02:33
Sample wt/vol: 15.02(g) Date Analyzed: 09/12/2012 11:28
Con. Extract Vol.: 10 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)
% Moisture: 17.3 GPC Cleanup:(Y/N) N
Analysis Batch No.: 127675 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	<i>Aldrin</i>	162		8.1	1.8
319-84-6	<i>alpha-BHC</i>	151		8.1	1.5
319-85-7	<i>beta-BHC</i>	157		8.1	1.1
319-86-8	<i>delta-BHC</i>	158		8.1	1.2
58-89-9	<i>gamma-BHC (Lindane)</i>	152		8.1	0.94
57-74-9	<i>Chlordane</i>	18	<i>U</i>	81	18
72-54-8	<i>4,4'-DDD</i>	196		8.1	0.97
72-55-9	<i>4,4'-DDE</i>	188		8.1	1.6
50-29-3	<i>4,4'-DDT</i>	189		8.1	1.0
60-57-1	<i>Dieldrin</i>	150		8.1	1.6
959-98-8	<i>Endosulfan I</i>	164		8.1	1.7
33213-65-9	<i>Endosulfan II</i>	160		8.1	1.2
1031-07-8	<i>Endosulfan sulfate</i>	162		8.1	1.0
72-20-8	<i>Endrin</i>	182		8.1	1.1
7421-93-4	<i>Endrin aldehyde</i>	154		8.1	2.0
53494-70-5	<i>Endrin ketone</i>	168		8.1	1.2
76-44-8	<i>Heptachlor</i>	173		8.1	1.2
1024-57-3	<i>Heptachlor epoxide</i>	163		8.1	1.6
72-43-5	<i>Methoxychlor</i>	221		8.1	0.91
8001-35-2	<i>Toxaphene</i>	17	<i>U</i>	81	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	97		40-150
2051-24-3	DCB Decachlorobiphenyl	117		53-150

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44405-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 450-6512-A-6-D MS
 Matrix: Solid Lab File ID: WR706756.D
 Analysis Method: 8081A Date Collected: _____
 Extraction Method: 3541 Date Extracted: 09/12/2012 02:33
 Sample wt/vol: 15.02(g) Date Analyzed: 09/12/2012 11:28
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: CLP-1 ID: 0.53 (mm)
 % Moisture: 17.3 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 127675 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	168		8.1	1.8
319-84-6	alpha-BHC	149		8.1	1.5
319-85-7	beta-BHC	163		8.1	1.1
319-86-8	delta-BHC	161		8.1	1.2
58-89-9	gamma-BHC (Lindane)	158		8.1	0.94
57-74-9	Chlordane	18	U	81	18
72-54-8	4,4'-DDD	193		8.1	0.97
72-55-9	4,4'-DDE	218		8.1	1.6
50-29-3	4,4'-DDT	174		8.1	1.0
60-57-1	Dieldrin	165		8.1	1.6
959-98-8	Endosulfan I	170		8.1	1.7
33213-65-9	Endosulfan II	161		8.1	1.2
1031-07-8	Endosulfan sulfate	164		8.1	1.0
72-20-8	Endrin	186		8.1	1.1
7421-93-4	Endrin aldehyde	154		8.1	2.0
53494-70-5	Endrin ketone	167		8.1	1.2
76-44-8	Heptachlor	170		8.1	1.2
1024-57-3	Heptachlor epoxide	170		8.1	1.6
72-43-5	Methoxychlor	187		8.1	0.91
8001-35-2	Toxaphene	17	U	81	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	103		40-150
2051-24-3	DCB Decachlorobiphenyl	95		53-150

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: 450-6512-A-6-E MSD
Matrix: Solid Lab File ID: WF706757.D
Analysis Method: 8081A Date Collected: _____
Extraction Method: 3541 Date Extracted: 09/12/2012 02:33
Sample wt/vol: 15.04(g) Date Analyzed: 09/12/2012 11:42
Con. Extract Vol.: 10 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)
% Moisture: 17.3 GPC Cleanup:(Y/N) N
Analysis Batch No.: 127675 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	163		8.1	1.8
319-84-6	alpha-BHC	149		8.1	1.5
319-85-7	beta-BHC	157		8.1	1.1
319-86-8	delta-BHC	158		8.1	1.2
58-89-9	gamma-BHC (Lindane)	152		8.1	0.94
57-74-9	Chlordane	17	U	81	17
72-54-8	4,4'-DDD	181		8.1	0.96
72-55-9	4,4'-DDE	189		8.1	1.6
50-29-3	4,4'-DDT	185		8.1	1.0
60-57-1	Dieldrin	152		8.1	1.6
959-98-8	Endosulfan I	169		8.1	1.7
33213-65-9	Endosulfan II	155		8.1	1.2
1031-07-8	Endosulfan sulfate	166		8.1	1.0
72-20-8	Endrin	177		8.1	1.1
7421-93-4	Endrin aldehyde	158		8.1	2.0
53494-70-5	Endrin ketone	168		8.1	1.2
76-44-8	Heptachlor	173		8.1	1.2
1024-57-3	Heptachlor epoxide	165		8.1	1.6
72-43-5	Methoxychlor	224		8.1	0.90
8001-35-2	Toxaphene	17	U	81	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	101		40-150
2051-24-3	DCB Decachlorobiphenyl	121		53-150

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44405-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 450-6512-A-6-E MSD
 Matrix: Solid Lab File ID: WR706757.D
 Analysis Method: 8081A Date Collected: _____
 Extraction Method: 3541 Date Extracted: 09/12/2012 02:33
 Sample wt/vol: 15.04(g) Date Analyzed: 09/12/2012 11:42
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: CLP-1 ID: 0.53 (mm)
 % Moisture: 17.3 GPC Cleanup:(Y/N) N
 Analysis Batch No.: 127675 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	172		8.1	1.8
319-84-6	alpha-BHC	154		8.1	1.5
319-85-7	beta-BHC	165		8.1	1.1
319-86-8	delta-BHC	166		8.1	1.2
58-89-9	gamma-BHC (Lindane)	162		8.1	0.94
57-74-9	Chlordane	17	U	81	17
72-54-8	4,4'-DDD	199		8.1	0.96
72-55-9	4,4'-DDE	221		8.1	1.6
50-29-3	4,4'-DDT	176		8.1	1.0
60-57-1	Dieldrin	167		8.1	1.6
959-98-8	Endosulfan I	172		8.1	1.7
33213-65-9	Endosulfan II	164		8.1	1.2
1031-07-8	Endosulfan sulfate	168		8.1	1.0
72-20-8	Endrin	187		8.1	1.1
7421-93-4	Endrin aldehyde	160		8.1	2.0
53494-70-5	Endrin ketone	171		8.1	1.2
76-44-8	Heptachlor	175		8.1	1.2
1024-57-3	Heptachlor epoxide	172		8.1	1.6
72-43-5	Methoxychlor	192		8.1	0.90
8001-35-2	Toxaphene	17	U	81	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	112		40-150
2051-24-3	DCB Decachlorobiphenyl	101		53-150

PESTICIDES ANALYSIS RUN LOG

Lab Name: TestAmerica EdisonJob No.: 460-44405-1

SDG No.:

Instrument ID: PESTGC1Start Date: 09/11/2012 07:23Analysis Batch Number: 127481End Date: 09/11/2012 09:42

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RESC 460-127481/1		09/11/2012 07:23	1		CLP-2 0.53 (mm)
RESC 460-127481/1		09/11/2012 07:23	1		CLP-1 0.53 (mm)
PIBLK 460-127481/2		09/11/2012 07:38	1		CLP-2 0.53 (mm)
PIBLK 460-127481/2		09/11/2012 07:38	1		CLP-1 0.53 (mm)
PEM 460-127481/3		09/11/2012 07:51	1		CLP-2 0.53 (mm)
PEM 460-127481/3		09/11/2012 07:51	1		CLP-1 0.53 (mm)
IC 460-127481/4		09/11/2012 08:05	1	xf138605.d	CLP-2 0.53 (mm)
IC 460-127481/4		09/11/2012 08:05	1	xr138605.d	CLP-1 0.53 (mm)
IC 460-127481/5		09/11/2012 08:19	1	xf138606.d	CLP-2 0.53 (mm)
IC 460-127481/5		09/11/2012 08:19	1	xr138606.d	CLP-1 0.53 (mm)
IC 460-127481/6		09/11/2012 08:33	1	xf138607.d	CLP-2 0.53 (mm)
IC 460-127481/6		09/11/2012 08:33	1	xr138607.d	CLP-1 0.53 (mm)
IC 460-127481/7		09/11/2012 08:47	1	xf138608.d	CLP-2 0.53 (mm)
IC 460-127481/7		09/11/2012 08:47	1	xr138608.d	CLP-1 0.53 (mm)
IC 460-127481/8		09/11/2012 09:00	1	xf138609.d	CLP-2 0.53 (mm)
IC 460-127481/8		09/11/2012 09:00	1	xr138609.d	CLP-1 0.53 (mm)
IC 460-127481/9		09/11/2012 09:14	1	xf138610.d	CLP-2 0.53 (mm)
IC 460-127481/9		09/11/2012 09:14	1	xr138610.d	CLP-1 0.53 (mm)
IC 460-127481/10		09/11/2012 09:28	1	xf138611.d	CLP-2 0.53 (mm)
IC 460-127481/10		09/11/2012 09:28	1	xr138611.d	CLP-1 0.53 (mm)
ICV 460-127481/11		09/11/2012 09:42	1		CLP-2 0.53 (mm)
ICV 460-127481/11		09/11/2012 09:42	1		CLP-1 0.53 (mm)

PESTICIDES ANALYSIS RUN LOG

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.:

Instrument ID: PESTGC1

Start Date: 09/12/2012 07:05

Analysis Batch Number: 127690

End Date: 09/12/2012 13:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/12/2012 07:05	1		CLP-2 0.53 (mm)
ZZZZZ		09/12/2012 07:05	1		CLP-1 0.53 (mm)
ZZZZZ		09/12/2012 07:20	1		CLP-2 0.53 (mm)
ZZZZZ		09/12/2012 07:20	1		CLP-1 0.53 (mm)
PEM 460-127690/3		09/12/2012 07:33	1	xf138643.d	CLP-2 0.53 (mm)
PEM 460-127690/3		09/12/2012 07:33	1	xr138643.d	CLP-1 0.53 (mm)
CCVRT 460-127690/4		09/12/2012 07:47	1	xf138644.d	CLP-2 0.53 (mm)
CCVRT 460-127690/4		09/12/2012 07:47	1	xr138644.d	CLP-1 0.53 (mm)
ZZZZZ		09/12/2012 08:14	1		CLP-2 0.53 (mm)
ZZZZZ		09/12/2012 08:14	1		CLP-1 0.53 (mm)
ZZZZZ		09/12/2012 08:27	1		CLP-2 0.53 (mm)
ZZZZZ		09/12/2012 08:27	1		CLP-1 0.53 (mm)
ZZZZZ		09/12/2012 08:41	1		CLP-2 0.53 (mm)
ZZZZZ		09/12/2012 08:41	1		CLP-1 0.53 (mm)
ZZZZZ		09/12/2012 08:55	1		CLP-2 0.53 (mm)
ZZZZZ		09/12/2012 08:55	1		CLP-1 0.53 (mm)
ZZZZZ		09/12/2012 09:09	1		CLP-2 0.53 (mm)
ZZZZZ		09/12/2012 09:09	1		CLP-1 0.53 (mm)
ZZZZZ		09/12/2012 09:22	1		CLP-2 0.53 (mm)
ZZZZZ		09/12/2012 09:22	1		CLP-1 0.53 (mm)
ZZZZZ		09/12/2012 09:36	1		CLP-2 0.53 (mm)
ZZZZZ		09/12/2012 09:36	1		CLP-1 0.53 (mm)
ZZZZZ		09/12/2012 09:50	1		CLP-2 0.53 (mm)
ZZZZZ		09/12/2012 09:50	1		CLP-1 0.53 (mm)
ZZZZZ		09/12/2012 10:04	1		CLP-2 0.53 (mm)
ZZZZZ		09/12/2012 10:04	1		CLP-1 0.53 (mm)
ZZZZZ		09/12/2012 10:18	1		CLP-2 0.53 (mm)
ZZZZZ		09/12/2012 10:18	1		CLP-1 0.53 (mm)
ZZZZZ		09/12/2012 10:31	1		CLP-2 0.53 (mm)
ZZZZZ		09/12/2012 10:31	1		CLP-1 0.53 (mm)
LCS 460-127381/2-A		09/12/2012 10:45	1	xf138656.d	CLP-2 0.53 (mm)
LCS 460-127381/2-A		09/12/2012 10:45	1	xr138656.d	CLP-1 0.53 (mm)
LCSD 460-127381/3-A		09/12/2012 10:59	1	xf138657.d	CLP-2 0.53 (mm)
LCSD 460-127381/3-A		09/12/2012 10:59	1	xr138657.d	CLP-1 0.53 (mm)
ZZZZZ		09/12/2012 11:13	1		CLP-2 0.53 (mm)
ZZZZZ		09/12/2012 11:13	1		CLP-1 0.53 (mm)
ZZZZZ		09/12/2012 11:26	1		CLP-2 0.53 (mm)
ZZZZZ		09/12/2012 11:26	1		CLP-1 0.53 (mm)
ZZZZZ		09/12/2012 11:40	1		CLP-2 0.53 (mm)
ZZZZZ		09/12/2012 11:40	1		CLP-1 0.53 (mm)
460-44405-2	20120910EB	09/12/2012 11:54	1	xf138661.d	CLP-2 0.53 (mm)
460-44405-2	20120910EB	09/12/2012 11:54	1	xr138661.d	CLP-1 0.53 (mm)
ZZZZZ		09/12/2012 12:08	1		CLP-2 0.53 (mm)
ZZZZZ		09/12/2012 12:08	1		CLP-1 0.53 (mm)
MB 460-127381/1-A		09/12/2012 12:22	1	xf138663.d	CLP-2 0.53 (mm)

PESTICIDES ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44405-1

SDG No.: _____

Instrument ID: PESTGC1 Start Date: 09/12/2012 07:05Analysis Batch Number: 127690 End Date: 09/12/2012 13:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
MB 460-127381/1-A		09/12/2012 12:22	1	xr138663.d	CLP-1 0.53 (mm)
ZZZZZ		09/12/2012 12:35	1		CLP-2 0.53 (mm)
ZZZZZ		09/12/2012 12:35	1		CLP-1 0.53 (mm)
ZZZZZ		09/12/2012 12:49	1		CLP-2 0.53 (mm)
ZZZZZ		09/12/2012 12:49	1		CLP-1 0.53 (mm)
CCV 460-127690/26		09/12/2012 13:03	1	xf138666.d	CLP-2 0.53 (mm)
CCV 460-127690/26		09/12/2012 13:03	1	xr138666.d	CLP-1 0.53 (mm)

PESTICIDES ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44405-1

SDG No.: _____

Instrument ID: PESTGC4 Start Date: 09/10/2012 07:26Analysis Batch Number: 127241 End Date: 09/10/2012 09:53

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RESC 460-127241/1		09/10/2012 07:26	1		CLP-2 0.53 (mm)
RESC 460-127241/1		09/10/2012 07:26	1		CLP-1 0.53 (mm)
PIBLK 460-127241/2		09/10/2012 07:40	1		CLP-2 0.53 (mm)
PIBLK 460-127241/2		09/10/2012 07:40	1		CLP-1 0.53 (mm)
PEM 460-127241/3		09/10/2012 07:54	1		CLP-2 0.53 (mm)
PEM 460-127241/3		09/10/2012 07:54	1		CLP-1 0.53 (mm)
IC 460-127241/4		09/10/2012 08:07	1	WF706684.D	CLP-2 0.53 (mm)
IC 460-127241/4		09/10/2012 08:07	1	WR706684.D	CLP-1 0.53 (mm)
IC 460-127241/5		09/10/2012 08:21	1	WF706685.D	CLP-2 0.53 (mm)
IC 460-127241/5		09/10/2012 08:21	1	WR706685.D	CLP-1 0.53 (mm)
IC 460-127241/6		09/10/2012 08:35	1	WF706686.D	CLP-2 0.53 (mm)
IC 460-127241/6		09/10/2012 08:35	1	WR706686.D	CLP-1 0.53 (mm)
IC 460-127241/7		09/10/2012 08:57	1	WF706687.D	CLP-2 0.53 (mm)
IC 460-127241/7		09/10/2012 08:57	1	WR706687.D	CLP-1 0.53 (mm)
IC 460-127241/8		09/10/2012 09:11	1	WF706688.D	CLP-2 0.53 (mm)
IC 460-127241/8		09/10/2012 09:11	1	WR706688.D	CLP-1 0.53 (mm)
IC 460-127241/9		09/10/2012 09:25	1	WF706689.D	CLP-2 0.53 (mm)
IC 460-127241/9		09/10/2012 09:25	1	WR706689.D	CLP-1 0.53 (mm)
IC 460-127241/10		09/10/2012 09:39	1	WF706690.D	CLP-2 0.53 (mm)
IC 460-127241/10		09/10/2012 09:39	1	WR706690.D	CLP-1 0.53 (mm)
ICV 460-127241/11		09/10/2012 09:53	1		CLP-2 0.53 (mm)
ICV 460-127241/11		09/10/2012 09:53	1		CLP-1 0.53 (mm)

PESTICIDES ANALYSIS RUN LOG

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.:

Instrument ID: PESTGC4

Start Date: 09/12/2012 10:46

Analysis Batch Number: 127675

End Date: 09/12/2012 15:52

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVRT 460-127675/1		09/12/2012 10:46	1	WF706753.D	CLP-2 0.53 (mm)
CCVRT 460-127675/1		09/12/2012 10:46	1	WR706753.D	CLP-1 0.53 (mm)
PEM 460-127675/2		09/12/2012 11:00	1	WF706754.D	CLP-2 0.53 (mm)
PEM 460-127675/2		09/12/2012 11:00	1	WR706754.D	CLP-1 0.53 (mm)
LCS 460-127454/2-A		09/12/2012 11:14	1	WF706755.D	CLP-2 0.53 (mm)
LCS 460-127454/2-A		09/12/2012 11:14	1	WR706755.D	CLP-1 0.53 (mm)
450-6512-A-6-D MS		09/12/2012 11:28	1	WF706756.D	CLP-2 0.53 (mm)
450-6512-A-6-D MS		09/12/2012 11:28	1	WR706756.D	CLP-1 0.53 (mm)
450-6512-A-6-E MSD		09/12/2012 11:42	1	WF706757.D	CLP-2 0.53 (mm)
450-6512-A-6-E MSD		09/12/2012 11:42	1	WR706757.D	CLP-1 0.53 (mm)
ZZZZZ		09/12/2012 11:56	1		CLP-2 0.53 (mm)
ZZZZZ		09/12/2012 11:56	1		CLP-1 0.53 (mm)
ZZZZZ		09/12/2012 12:09	1		CLP-2 0.53 (mm)
ZZZZZ		09/12/2012 12:09	1		CLP-1 0.53 (mm)
ZZZZZ		09/12/2012 12:23	1		CLP-2 0.53 (mm)
ZZZZZ		09/12/2012 12:23	1		CLP-1 0.53 (mm)
ZZZZZ		09/12/2012 12:37	1		CLP-2 0.53 (mm)
ZZZZZ		09/12/2012 12:37	1		CLP-1 0.53 (mm)
ZZZZZ		09/12/2012 12:51	1		CLP-2 0.53 (mm)
ZZZZZ		09/12/2012 12:51	1		CLP-1 0.53 (mm)
ZZZZZ		09/12/2012 13:05	1		CLP-2 0.53 (mm)
ZZZZZ		09/12/2012 13:05	1		CLP-1 0.53 (mm)
ZZZZZ		09/12/2012 13:19	1		CLP-2 0.53 (mm)
ZZZZZ		09/12/2012 13:19	1		CLP-1 0.53 (mm)
ZZZZZ		09/12/2012 13:33	1		CLP-2 0.53 (mm)
ZZZZZ		09/12/2012 13:33	1		CLP-1 0.53 (mm)
ZZZZZ		09/12/2012 13:47	1		CLP-2 0.53 (mm)
ZZZZZ		09/12/2012 13:47	1		CLP-1 0.53 (mm)
ZZZZZ		09/12/2012 14:01	1		CLP-2 0.53 (mm)
ZZZZZ		09/12/2012 14:01	1		CLP-1 0.53 (mm)
ZZZZZ		09/12/2012 14:15	1		CLP-2 0.53 (mm)
ZZZZZ		09/12/2012 14:15	1		CLP-1 0.53 (mm)
ZZZZZ		09/12/2012 14:28	1		CLP-2 0.53 (mm)
ZZZZZ		09/12/2012 14:28	1		CLP-1 0.53 (mm)
ZZZZZ		09/12/2012 14:42	1		CLP-2 0.53 (mm)
ZZZZZ		09/12/2012 14:42	1		CLP-1 0.53 (mm)
ZZZZZ		09/12/2012 14:56	1		CLP-2 0.53 (mm)
ZZZZZ		09/12/2012 14:56	1		CLP-1 0.53 (mm)
ZZZZZ		09/12/2012 15:10	1		CLP-2 0.53 (mm)
ZZZZZ		09/12/2012 15:10	1		CLP-1 0.53 (mm)
MB 460-127454/1-A		09/12/2012 15:24	1	WF706773.D	CLP-2 0.53 (mm)
MB 460-127454/1-A		09/12/2012 15:24	1	WR706773.D	CLP-1 0.53 (mm)
ZZZZZ		09/12/2012 15:38	1		CLP-2 0.53 (mm)
ZZZZZ		09/12/2012 15:38	1		CLP-1 0.53 (mm)
CCV 460-127675/23		09/12/2012 15:52	1	WF706775.D	CLP-2 0.53 (mm)

PESTICIDES ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44405-1

SDG No.: _____

Instrument ID: PESTGC4 Start Date: 09/12/2012 10:46Analysis Batch Number: 127675 End Date: 09/12/2012 15:52

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 460-127675/23		09/12/2012 15:52	1	WR706775.D	CLP-1 0.53 (mm)

PESTICIDES ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44405-1

SDG No.: _____

Instrument ID: PESTGC4 Start Date: 09/18/2012 07:44Analysis Batch Number: 128255 End Date: 09/18/2012 10:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RESC 460-128255/1		09/18/2012 07:44	1		CLP-2 0.53 (mm)
RESC 460-128255/1		09/18/2012 07:44	1		CLP-1 0.53 (mm)
PIBLK 460-128255/2		09/18/2012 07:58	1		CLP-2 0.53 (mm)
PIBLK 460-128255/2		09/18/2012 07:58	1		CLP-1 0.53 (mm)
PEM 460-128255/3		09/18/2012 08:12	1		CLP-2 0.53 (mm)
PEM 460-128255/3		09/18/2012 08:12	1		CLP-1 0.53 (mm)
IC 460-128255/4		09/18/2012 08:26	1	WF706914.D	CLP-2 0.53 (mm)
IC 460-128255/4		09/18/2012 08:26	1	WR706914.D	CLP-1 0.53 (mm)
IC 460-128255/5		09/18/2012 08:40	1	WF706915.D	CLP-2 0.53 (mm)
IC 460-128255/5		09/18/2012 08:40	1	WR706915.D	CLP-1 0.53 (mm)
IC 460-128255/6		09/18/2012 08:54	1	WF706916.D	CLP-2 0.53 (mm)
IC 460-128255/6		09/18/2012 08:54	1	WR706916.D	CLP-1 0.53 (mm)
IC 460-128255/7		09/18/2012 09:07	1	WF706917.D	CLP-2 0.53 (mm)
IC 460-128255/7		09/18/2012 09:07	1	WR706917.D	CLP-1 0.53 (mm)
IC 460-128255/8		09/18/2012 09:21	1	WF706918.D	CLP-2 0.53 (mm)
IC 460-128255/8		09/18/2012 09:21	1	WR706918.D	CLP-1 0.53 (mm)
IC 460-128255/9		09/18/2012 09:35	1	WF706919.D	CLP-2 0.53 (mm)
IC 460-128255/9		09/18/2012 09:35	1	WR706919.D	CLP-1 0.53 (mm)
IC 460-128255/10		09/18/2012 09:49	1	WF706920.D	CLP-2 0.53 (mm)
IC 460-128255/10		09/18/2012 09:49	1	WR706920.D	CLP-1 0.53 (mm)
ICV 460-128255/11		09/18/2012 10:03	1		CLP-2 0.53 (mm)
ICV 460-128255/11		09/18/2012 10:03	1		CLP-1 0.53 (mm)

PESTICIDES ANALYSIS RUN LOG

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.:

Instrument ID: PESTGC4

Start Date: 09/18/2012 12:09

Analysis Batch Number: 128370

End Date: 09/18/2012 17:58

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-128370/1		09/18/2012 12:09	1		CLP-2 0.53 (mm)
PIBLK 460-128370/1		09/18/2012 12:09	1		CLP-1 0.53 (mm)
CCVRT 460-128370/2		09/18/2012 12:23	1	WF706931.D	CLP-2 0.53 (mm)
CCVRT 460-128370/2		09/18/2012 12:23	1	WR706931.D	CLP-1 0.53 (mm)
PEM 460-128370/3		09/18/2012 12:37	1	WF706932.D	CLP-2 0.53 (mm)
PEM 460-128370/3		09/18/2012 12:37	1	WR706932.D	CLP-1 0.53 (mm)
RESC 460-128370/4		09/18/2012 12:51	1		CLP-2 0.53 (mm)
RESC 460-128370/4		09/18/2012 12:51	1		CLP-1 0.53 (mm)
ZZZZZ		09/18/2012 13:05	1		CLP-2 0.53 (mm)
ZZZZZ		09/18/2012 13:05	1		CLP-1 0.53 (mm)
ZZZZZ		09/18/2012 13:19	1		CLP-2 0.53 (mm)
ZZZZZ		09/18/2012 13:19	1		CLP-1 0.53 (mm)
ZZZZZ		09/18/2012 13:33	1		CLP-2 0.53 (mm)
ZZZZZ		09/18/2012 13:33	1		CLP-1 0.53 (mm)
ZZZZZ		09/18/2012 13:47	1		CLP-2 0.53 (mm)
ZZZZZ		09/18/2012 13:47	1		CLP-1 0.53 (mm)
ZZZZZ		09/18/2012 14:01	1		CLP-2 0.53 (mm)
ZZZZZ		09/18/2012 14:01	1		CLP-1 0.53 (mm)
ZZZZZ		09/18/2012 14:14	1		CLP-2 0.53 (mm)
ZZZZZ		09/18/2012 14:14	1		CLP-1 0.53 (mm)
ZZZZZ		09/18/2012 14:28	1		CLP-2 0.53 (mm)
ZZZZZ		09/18/2012 14:28	1		CLP-1 0.53 (mm)
ZZZZZ		09/18/2012 14:42	1		CLP-2 0.53 (mm)
ZZZZZ		09/18/2012 14:42	1		CLP-1 0.53 (mm)
ZZZZZ		09/18/2012 14:56	1		CLP-2 0.53 (mm)
ZZZZZ		09/18/2012 14:56	1		CLP-1 0.53 (mm)
ZZZZZ		09/18/2012 15:10	1		CLP-2 0.53 (mm)
ZZZZZ		09/18/2012 15:10	1		CLP-1 0.53 (mm)
ZZZZZ		09/18/2012 15:24	1		CLP-2 0.53 (mm)
ZZZZZ		09/18/2012 15:24	1		CLP-1 0.53 (mm)
ZZZZZ		09/18/2012 15:38	1		CLP-2 0.53 (mm)
ZZZZZ		09/18/2012 15:38	1		CLP-1 0.53 (mm)
ZZZZZ		09/18/2012 15:52	1		CLP-2 0.53 (mm)
ZZZZZ		09/18/2012 15:52	1		CLP-1 0.53 (mm)
ZZZZZ		09/18/2012 16:06	1		CLP-2 0.53 (mm)
ZZZZZ		09/18/2012 16:06	1		CLP-1 0.53 (mm)
ZZZZZ		09/18/2012 16:20	1		CLP-2 0.53 (mm)
ZZZZZ		09/18/2012 16:20	1		CLP-1 0.53 (mm)
ZZZZZ		09/18/2012 16:34	1		CLP-2 0.53 (mm)
ZZZZZ		09/18/2012 16:34	1		CLP-1 0.53 (mm)
ZZZZZ		09/18/2012 16:48	1		CLP-2 0.53 (mm)
ZZZZZ		09/18/2012 16:48	1		CLP-1 0.53 (mm)
ZZZZZ		09/18/2012 17:02	1		CLP-2 0.53 (mm)
ZZZZZ		09/18/2012 17:02	1		CLP-1 0.53 (mm)
460-44405-1	201209105B-365VO-2N	09/18/2012 17:16	5	WF706952.D	CLP-2 0.53 (mm)

PESTICIDES ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44405-1

SDG No.: _____

Instrument ID: PESTGC4 Start Date: 09/18/2012 12:09Analysis Batch Number: 128370 End Date: 09/18/2012 17:58

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
460-44405-1	201209105B-365VO-2N	09/18/2012 17:16	5	WR706952.D	CLP-1 0.53 (mm)
ZZZZZ		09/18/2012 17:30	1		CLP-2 0.53 (mm)
ZZZZZ		09/18/2012 17:30	1		CLP-1 0.53 (mm)
PIBLK 460-128370/25		09/18/2012 17:44	1		CLP-2 0.53 (mm)
PIBLK 460-128370/25		09/18/2012 17:44	1		CLP-1 0.53 (mm)
CCV 460-128370/26		09/18/2012 17:58	1	WF706955.D	CLP-2 0.53 (mm)
CCV 460-128370/26		09/18/2012 17:58	1	WR706955.D	CLP-1 0.53 (mm)

PESTICIDES BATCH WORKSHEET

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.:

Batch Number: 127381

Batch Start Date: 09/11/12 13:46

Batch Analyst: Tupayachi, Gudilberto

Batch Method: 3510C

Batch End Date: 09/11/12 20:43

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FinalAmount	OP_PESTSP 00011	OPPSTPCBSU 00021	
MB 460-127381/1		3510C, 8081A		7	1000 mL	5 mL		50 uL	
LCS 460-127381/2		3510C, 8081A		7	1000 mL	5 mL	100 uL	50 uL	
LCSD 460-127381/3		3510C, 8081A		7	1000 mL	5 mL	100 uL	50 uL	
460-44405-E-2	20120910EB	3510C, 8081A	T	7	970 mL	5 mL		50 uL	

Batch Notes	
Batch Comment	8081 - pest
Person's name who did the concentration	gt
Exchange Solvent Lot #	6383
Exchange Solvent Name	Hexane
Final Concentrator Volume	5 mL
N-evap temperature	35 Degrees C
Na2SO4 Lot Number	213204
Prep Solvent Lot #	11861
Prep Solvent Name	Mec12
Prep Solvent Volume Used	180 ml mL
Person's name who did the prep	gt
Person's name who witnessed reagent drop	huw

Basis	Basis Description
T	Total/NA

PESTICIDES BATCH WORKSHEET

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.:

Batch Number: 127454 Batch Start Date: 09/12/12 02:33 Batch Analyst: Alinea, Archilles R

Batch Method: 3541 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPosition	OP_PESTSP 00011	OPPSTPCBSU 00021	
MB 460-127454/1		3541, 8081A		15.00 g	10 mL	85		50 uL	
LCS 460-127454/2		3541, 8081A		15.00 g	10 mL	86	100 uL	50 uL	
450-6512-A-6 MS		3541, 8081A	T	15.02 g	10 mL	87	100 uL	50 uL	
450-6512-A-6 MSD		3541, 8081A	T	15.04 g	10 mL	88	100 uL	50 uL	
460-44405-E-1	201209105B-365VO -2N	3541, 8081A	T	15.05 g	10 mL	101		50 uL	

Batch Notes

Balance ID	30
Batch Comment	pest-soil
Boiling Chips ID	902100
Person's name who did the concentration	archie
Florisil Lot #	s213-39
Vendor lot number	111e24
Na2SO4 Lot Number	135309
Person's name who did the prep	archie
Person's name who witnessed reagent drop	jose s
Solvent	hex./ace. mixed
SOP Number	3541
First Start time	2:33am

Basis	Basis Description
T	Total/NA

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Edison Job Number: 460-44405-1

SDG No.: _____

Project: Rohm and Haas Philly Plant

Client Sample ID
201209105B-365VO-2N
20120910EB

Lab Sample ID
460-44405-1
460-44405-2

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 201209105B-365VO-2N

Lab Sample ID: 460-44405-1

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG ID.:

Date Sampled: 09/10/2012 11:10

Matrix: Solid

Date Received: 09/10/2012 19:20

Reporting Basis: DRY

% Solids: 70.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	5100	56.4	25.7	mg/Kg			4	6010B
7440-36-0	Antimony	9.0	2.8	1.7	mg/Kg			4	6010B
7440-38-2	Arsenic	13.2	1.4	1.3	mg/Kg			4	6010B
7440-39-3	Barium	241	56.4	1.6	mg/Kg			4	6010B
7440-41-7	Beryllium	0.24	0.56	0.20	mg/Kg	J		4	6010B
7440-43-9	Cadmium	32.4	1.4	0.21	mg/Kg			4	6010B
7440-70-2	Calcium	25100	1410	99.8	mg/Kg			4	6010B
7440-47-3	Chromium	24.9	2.8	1.2	mg/Kg			4	6010B
7440-48-4	Cobalt	3.7	14.1	1.2	mg/Kg	J		4	6010B
7440-50-8	Copper	1920	7.1	2.7	mg/Kg			4	6010B
7439-89-6	Iron	17900	42.3	17.1	mg/Kg			4	6010B
7439-92-1	Lead	574	1.4	1.2	mg/Kg			4	6010B
7439-95-4	Magnesium	2450	1410	102	mg/Kg			4	6010B
7439-96-5	Manganese	186	4.2	1.2	mg/Kg			4	6010B
7440-02-0	Nickel	18.1	11.3	1.2	mg/Kg			4	6010B
7440-09-7	Potassium	614	1410	151	mg/Kg	J		4	6010B
7782-49-2	Selenium	7.3	2.8	1.9	mg/Kg			4	6010B
7440-22-4	Silver	0.70	2.8	0.28	mg/Kg	J		4	6010B
7440-23-5	Sodium	488	1410	223	mg/Kg	J		4	6010B
7440-28-0	Thallium	1.6	2.8	1.6	mg/Kg	U		4	6010B
7440-62-2	Vanadium	10.4	14.1	1.1	mg/Kg	J		4	6010B
7440-66-6	Zinc	390	8.5	1.5	mg/Kg			4	6010B
7439-97-6	Mercury	2.1	0.045	0.030	mg/Kg			1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 20120910EB

Lab Sample ID: 460-44405-2

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG ID.:

Date Sampled: 09/10/2012 15:45

Matrix: Water

Date Received: 09/10/2012 19:20

Reporting Basis: WET

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	72.1	200	72.1	ug/L	U		1	6010B
7440-36-0	Antimony	7.4	10.0	7.4	ug/L	U		1	6010B
7440-38-2	Arsenic	3.7	5.0	3.7	ug/L	U		1	6010B
7440-39-3	Barium	5.9	200	5.9	ug/L	U		1	6010B
7440-41-7	Beryllium	0.78	2.0	0.78	ug/L	U		1	6010B
7440-43-9	Cadmium	0.82	5.0	0.82	ug/L	U		1	6010B
7440-70-2	Calcium	305	5000	305	ug/L	U		1	6010B
7440-47-3	Chromium	4.5	10.0	4.5	ug/L	U		1	6010B
7440-48-4	Cobalt	4.3	50.0	4.3	ug/L	U		1	6010B
7440-50-8	Copper	7.8	25.0	7.8	ug/L	U		1	6010B
7439-89-6	Iron	73.6	150	73.6	ug/L	U		1	6010B
7439-92-1	Lead	4.0	5.0	4.0	ug/L	U		1	6010B
7439-95-4	Magnesium	321	5000	321	ug/L	U		1	6010B
7439-96-5	Manganese	4.3	15.0	4.3	ug/L	U		1	6010B
7440-02-0	Nickel	5.0	40.0	5.0	ug/L	U		1	6010B
7440-09-7	Potassium	525	5000	525	ug/L	U		1	6010B
7782-49-2	Selenium	5.8	10.0	5.8	ug/L	U		1	6010B
7440-22-4	Silver	1.3	10.0	1.3	ug/L	U		1	6010B
7440-23-5	Sodium	821	5000	821	ug/L	U		1	6010B
7440-28-0	Thallium	5.2	10.0	5.2	ug/L	U		1	6010B
7440-62-2	Vanadium	4.0	50.0	4.0	ug/L	U		1	6010B
7440-66-6	Zinc	5.8	30.0	5.8	ug/L	U		1	6010B
7439-97-6	Mercury	0.16	0.20	0.16	ug/L	U		1	7470A

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
ICV Source: ME_CCV_DUO_00058 Concentration Units: ug/L
CCV Source: ME_CCV_DUO_00058

Analyte	ICV 460-127809/7 09/13/2012 19:15				CCV 460-127809/67 09/13/2012 23:25				CCV 460-127809/79 09/14/2012 00:15			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	123000		125000	98	120600		125000	96	121300		125000	97
Antimony	975.0		1000	98	963.1		1000	96	969.3		1000	97
Arsenic	2443		2500	98	2417		2500	97	2428		2500	97
Barium	9824		10000	98	9716		10000	97	9782		10000	98
Beryllium	987.9		1000	99	954.7		1000	95	960.8		1000	96
Cadmium	1229		1250	98	1215		1250	97	1222		1250	98
Calcium	128400		125000	103	116400		125000	93	116200		125000	93
Chromium	4947		5000	99	5032		5000	101	4918		5000	98
Cobalt	2445		2500	98	2413		2500	97	2429		2500	97
Copper	12390		12500	99	12030		12500	96	12080		12500	97
Iron	98690		100000	99	100400		100000	100	98250		100000	98
Lead	7479		7500	100	7389		7500	99	7437		7500	99
Magnesium	122700		125000	98	125300		125000	100	123400		125000	99
Manganese	4983		5000	100	5083		5000	102	4990		5000	100
Nickel	2455		2500	98	2429		2500	97	2446		2500	98
Potassium	49340		50000	99	49190		50000	98	50090		50000	100
Selenium	2420		2500	97	2401		2500	96	2412		2500	96
Silver	1206		1250	96	1238		1250	99	1224		1250	98
Sodium	126300		125000	101	125500		125000	100	127100		125000	102
Thallium	2494		2500	100	2462		2500	98	2486		2500	99
Vanadium	2434		2500	97	2495		2500	100	2459		2500	98
Zinc	2440		2500	98	2411		2500	96	2429		2500	97

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
ICV Source: ME_CCV_DUO_00058 Concentration Units: ug/L
CCV Source: ME_CCV_DUO_00058

Analyte	CCV 460-127809/91 09/14/2012 01:05											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	122200		125000	98								
Antimony	992.0		1000	99								
Arsenic	2482		2500	99								
Barium	9843		10000	98								
Beryllium	968.4		1000	97								
Cadmium	1232		1250	99								
Calcium	116400		125000	93								
Chromium	4866		5000	97								
Cobalt	2438		2500	98								
Copper	12120		12500	97								
Iron	97020		100000	97								
Lead	7510		7500	100								
Magnesium	119300		125000	95								
Manganese	4902		5000	98								
Nickel	2450		2500	98								
Potassium	49620		50000	99								
Selenium	2437		2500	97								
Silver	1195		1250	96								
Sodium	127800		125000	102								
Thallium	2523		2500	101								
Vanadium	2406		2500	96								
Zinc	2489		2500	100								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.:

ICV Source: ME_CCV_DUO_00058

Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00058

Analyte	ICV 460-128004/7 09/14/2012 19:00				CCV 460-128004/31 09/14/2012 20:42				CCV 460-128004/43 09/14/2012 21:32			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	127200		125000	102	124900		125000	100	124400		125000	100
Antimony	975.7		1000	98	994.3		1000	99	1016		1000	102
Arsenic	2441		2500	98	2485		2500	99	2520		2500	101
Barium	9798		10000	98	9947		10000	99	10050		10000	101
Beryllium	1025		1000	103	995.5		1000	100	986.9		1000	99
Cadmium	1228		1250	98	1246		1250	100	1258		1250	101
Calcium	125900		125000	101	123900		125000	99	124300		125000	99
Chromium	5034		5000	101	5035		5000	101	4984		5000	100
Cobalt	2449		2500	98	2503		2500	100	2553		2500	102
Copper	12830		12500	103	12480		12500	100	12360		12500	99
Iron	100500		100000	101	100400		100000	100	99320		100000	99
Lead	7467		7500	100	7579		7500	101	7665		7500	102
Magnesium	125500		125000	100	125900		125000	101	124700		125000	100
Manganese	5069		5000	101	5062		5000	101	4988		5000	100
Nickel	2464		2500	99	2516		2500	101	2565		2500	103
Potassium	51200		50000	102	49980		50000	100	49440		50000	99
Selenium	2412		2500	96	2449		2500	98	2471		2500	99
Silver	1228		1250	98	1229		1250	98	1208		1250	97
Sodium	130900		125000	105	128900		125000	103	128000		125000	102
Thallium	2483		2500	99	2537		2500	101	2568		2500	103
Vanadium	2475		2500	99	2471		2500	99	2430		2500	97
Zinc	2436		2500	97	2485		2500	99	2532		2500	101

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

ICV Source: ME_CCV_DUO_00058 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00058

Analyte	CCV 460-128004/55 09/14/2012 22:24				CCV 460-128004/67 09/14/2012 23:15							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	126100		125000	101	123700		125000	99				
Antimony	1012		1000	101	1006		1000	101				
Arsenic	2528		2500	101	2516		2500	101				
Barium	9994		10000	100	9944		10000	99				
Beryllium	996.2		1000	100	973.5		1000	97				
Cadmium	1252		1250	100	1248		1250	100				
Calcium	123000		125000	98	121000		125000	97				
Chromium	5042		5000	101	5048		5000	101				
Cobalt	2563		2500	103	2544		2500	102				
Copper	12450		12500	100	12210		12500	98				
Iron	100300		100000	100	100500		100000	101				
Lead	7643		7500	102	7610		7500	101				
Magnesium	126200		125000	101	126200		125000	101				
Manganese	5013		5000	100	5021		5000	100				
Nickel	2571		2500	103	2556		2500	102				
Potassium	49480		50000	99	48750		50000	98				
Selenium	2460		2500	98	2455		2500	98				
Silver	1205		1250	96	1208		1250	97				
Sodium	129100		125000	103	127000		125000	102				
Thallium	2573		2500	103	2559		2500	102				
Vanadium	2431		2500	97	2436		2500	97				
Zinc	2539		2500	102	2523		2500	101				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
ICV Source: ME_DQCS-INT_00617 Concentration Units: ug/L
CCV Source: ME_DQCS-INT_00617

Analyte	ICV 460-127408/7-A 09/11/2012 18:53				CCV 460-127408/8-A 09/11/2012 19:16				CCV 460-127408/8-A 09/11/2012 19:26			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	855.0		833	103	846.7		833	102	845.0		833	101

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
ICV Source: ME_DQCS-INT_00617 Concentration Units: ug/L
CCV Source: ME_DQCS-INT_00617

Analyte	ICV 460-127418/7-A 09/11/2012 19:49				CCV 460-127418/8-A 09/11/2012 20:13				CCV 460-127418/8-A 09/11/2012 20:33			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	5.07		5.00	101	5.04		5.00	101	4.99		5.00	100

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Concentration Units: ug/L

Analyte	RL	ICB 460-127809/8 09/13/2012 19:19		CCB 460-127809/68 09/13/2012 23:29		CCB 460-127809/80 09/14/2012 00:19		CCB 460-127809/92 09/14/2012 01:09	
		Found	C	Found	C	Found	C	Found	C
Aluminum	200	72.1	U	72.1	U	72.1	U	72.1	U
Antimony	10.0	7.4	U	7.4	U	7.4	U	7.4	U
Arsenic	5.0	3.7	U	3.7	U	3.7	U	3.7	U
Barium	200	5.9	U	5.9	U	5.9	U	5.9	U
Beryllium	2.0	0.78	U	0.78	U	0.78	U	0.78	U
Cadmium	5.0	0.82	U	0.82	U	0.82	U	0.82	U
Calcium	5000	305	U	305	U	305	U	305	U
Chromium	10.0	4.5	U	4.5	U	4.5	U	4.5	U
Cobalt	50.0	4.3	U	4.3	U	4.3	U	4.3	U
Copper	25.0	7.8	U	7.8	U	7.8	U	7.8	U
Iron	150	73.6	U	73.6	U	73.6	U	73.6	U
Lead	5.0	4.0	U	4.0	U	4.0	U	4.0	U
Magnesium	5000	321	U	321	U	321	U	321	U
Manganese	15.0	4.3	U	4.3	U	4.3	U	4.3	U
Nickel	40.0	5.0	U	5.0	U	5.0	U	5.0	U
Potassium	5000	525	U	525	U	525	U	525	U
Selenium	10.0	5.8	U	5.8	U	5.8	U	5.8	U
Silver	10.0	1.3	U	1.3	U	1.3	U	1.3	U
Sodium	5000	821	U	821	U	821	U	821	U
Thallium	10.0	5.2	U	5.2	U	5.2	U	5.2	U
Vanadium	50.0	4.0	U	4.0	U	4.0	U	4.0	U
Zinc	30.0	5.8	U	5.8	U	5.8	U	5.8	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Concentration Units: ug/L

Analyte	RL	ICB 460-128004/8 09/14/2012 19:04		CCB 460-128004/32 09/14/2012 20:46		CCB 460-128004/44 09/14/2012 21:36		CCB 460-128004/56 09/14/2012 22:28	
		Found	C	Found	C	Found	C	Found	C
Aluminum	200	72.1	U	72.1	U	72.1	U	72.1	U
Antimony	10.0	7.4	U	7.4	U	7.4	U	7.4	U
Arsenic	5.0	3.7	U	3.7	U	3.7	U	3.7	U
Barium	200	5.9	U	5.9	U	5.9	U	5.9	U
Beryllium	2.0	0.78	U	0.78	U	0.78	U	0.78	U
Cadmium	5.0	0.82	U	0.82	U	0.82	U	0.82	U
Calcium	5000	305	U	305	U	305	U	305	U
Chromium	10.0	4.5	U	4.5	U	4.5	U	4.5	U
Cobalt	50.0	4.3	U	4.3	U	4.3	U	4.3	U
Copper	25.0	7.8	U	7.8	U	7.8	U	7.8	U
Iron	150	73.6	U	73.6	U	73.6	U	73.6	U
Lead	5.0	4.0	U	4.0	U	4.0	U	4.0	U
Magnesium	5000	321	U	321	U	321	U	321	U
Manganese	15.0	4.3	U	4.3	U	4.3	U	4.3	U
Nickel	40.0	5.0	U	5.0	U	5.0	U	5.0	U
Potassium	5000	525	U	525	U	525	U	525	U
Selenium	10.0	5.8	U	5.8	U	5.8	U	5.8	U
Silver	10.0	1.3	U	1.3	U	1.3	U	1.3	U
Sodium	5000	821	U	821	U	821	U	821	U
Thallium	10.0	5.2	U	5.2	U	5.2	U	5.2	U
Vanadium	50.0	4.0	U	4.0	U	4.0	U	4.0	U
Zinc	30.0	5.8	U	5.8	U	5.8	U	5.8	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Concentration Units: ug/L

Analyte	RL	CCB 460-128004/68 09/14/2012 23:19							
		Found	C	Found	C	Found	C	Found	C
Aluminum	200	72.1	U						
Antimony	10.0	7.4	U						
Arsenic	5.0	3.7	U						
Barium	200	5.9	U						
Beryllium	2.0	0.78	U						
Cadmium	5.0	0.82	U						
Calcium	5000	305	U						
Chromium	10.0	4.5	U						
Cobalt	50.0	4.3	U						
Copper	25.0	7.8	U						
Iron	150	73.6	U						
Lead	5.0	4.0	U						
Magnesium	5000	321	U						
Manganese	15.0	4.3	U						
Nickel	40.0	5.0	U						
Potassium	5000	525	U						
Selenium	10.0	5.8	U						
Silver	10.0	1.3	U						
Sodium	5000	821	U						
Thallium	10.0	5.2	U						
Vanadium	50.0	4.0	U						
Zinc	30.0	5.8	U						

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Concentration Units: ug/L

Analyte	RL	ICB 460-127430/8 09/11/2012 18:55		CCB 460-127430/20 09/11/2012 19:18		CCB 460-127430/25 09/11/2012 19:29			
		Found	C	Found	C	Found	C	Found	C
Mercury		0.20	0.16	U	0.16	U	0.16	U	

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Concentration Units: ug/L

Analyte	RL	ICB 460-127438/8 09/11/2012 19:51		CCB 460-127418/9-A 09/11/2012 20:15		CCB 460-127418/9-A 09/11/2012 20:34			
		Found	C	Found	C	Found	C	Found	C
Mercury		0.20	0.16	U	0.16	U	0.16	U	

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Concentration Units: ug/L Lab Sample ID: MB 460-127660/1-A

Instrument Code: ICP5 Batch No.: 127809

CAS No.	Analyte	Concentration	C	Q	Method
7429-90-5	Aluminum	72.1	U		6010B
7440-36-0	Antimony	7.4	U		6010B
7440-38-2	Arsenic	3.7	U		6010B
7440-39-3	Barium	5.9	U		6010B
7440-41-7	Beryllium	0.78	U		6010B
7440-43-9	Cadmium	0.82	U		6010B
7440-70-2	Calcium	305	U		6010B
7440-47-3	Chromium	4.5	U		6010B
7440-48-4	Cobalt	4.3	U		6010B
7440-50-8	Copper	7.8	U		6010B
7439-89-6	Iron	73.6	U		6010B
7439-92-1	Lead	4.0	U		6010B
7439-95-4	Magnesium	321	U		6010B
7439-96-5	Manganese	4.3	U		6010B
7440-02-0	Nickel	5.0	U		6010B
7440-09-7	Potassium	525	U		6010B
7782-49-2	Selenium	5.8	U		6010B
7440-22-4	Silver	1.3	U		6010B
7440-23-5	Sodium	821	U		6010B
7440-28-0	Thallium	5.2	U		6010B
7440-62-2	Vanadium	4.0	U		6010B
7440-66-6	Zinc	5.8	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Concentration Units: mg/Kg Lab Sample ID: MB 460-127756/1-A ^2

Instrument Code: ICP5 Batch No.: 128004

CAS No.	Analyte	Concentration	C	Q	Method
7429-90-5	Aluminum	9.1	U		6010B
7440-36-0	Antimony	0.62	U		6010B
7440-38-2	Arsenic	0.47	U		6010B
7440-39-3	Barium	0.57	U		6010B
7440-41-7	Beryllium	0.072	U		6010B
7440-43-9	Cadmium	0.074	U		6010B
7440-70-2	Calcium	35.4	U		6010B
7440-47-3	Chromium	0.43	U		6010B
7440-48-4	Cobalt	0.43	U		6010B
7440-50-8	Copper	0.97	U		6010B
7439-89-6	Iron	6.1	U		6010B
7439-92-1	Lead	0.43	U		6010B
7439-95-4	Magnesium	36.0	U		6010B
7439-96-5	Manganese	0.44	U		6010B
7440-02-0	Nickel	0.44	U		6010B
7440-09-7	Potassium	53.5	U		6010B
7782-49-2	Selenium	0.66	U		6010B
7440-22-4	Silver	0.10	U		6010B
7440-23-5	Sodium	79.0	U		6010B
7440-28-0	Thallium	0.57	U		6010B
7440-62-2	Vanadium	0.38	U		6010B
7440-66-6	Zinc	0.54	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-44405-1

SDG No.: _____

Concentration Units: ug/L Lab Sample ID: MB 460-127418/11-A

Instrument Code: LEEMAN5 Batch No.: 127438

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.16	U		7470A

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-44405-1

SDG No.: _____

Concentration Units: mg/Kg Lab Sample ID: MB 460-127408/10-A

Instrument Code: LEEMAN5 Batch No.: 127430

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.022	U		7471A

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Lab Sample ID: ICSA 460-127809/9

Instrument ID: ICP5

Lab File ID: 09132012A.asc

ICS Source: ME_ICSA_Duo_00039

Concentration Units: ug/L

Analyte	True	Found	Percent Recovery
	Solution A	Solution A	
Aluminum	500000	486600	97
Antimony		-2.32	
Arsenic		0.842	
Barium		2.11	
Beryllium		-0.120	
Cadmium		-0.689	
Calcium	500000	474600	95
Chromium		1.12	
Cobalt		-1.32	
Copper		-8.95	
Iron	200000	198100	99
Lead		-2.09	
Magnesium	500000	496500	99
Manganese		-2.07	
Nickel		-0.336	
Potassium		692	
Selenium		-1.40	
Silver		-1.19	
Sodium		184	
Thallium		-1.03	
Vanadium		-1.40	
Zinc		0.468	
<i>Boron</i>		1.35	
<i>Molybdenum</i>		-1.08	
<i>Strontium</i>		-0.394	
<i>Tin</i>		-2.31	
<i>Titanium</i>		3.42	

Calculations are performed before rounding to avoid round-off errors in calculated results.

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Lab Sample ID: ICSAB 460-127809/10 Instrument ID: ICP5
Lab File ID: 09132012A.asc ICS Source: ME_ICSAB_DUO_00040
Concentration Units: ug/L

Analyte	True	Found	Percent Recovery
	Solution AB	Solution AB	
Aluminum	500000	490000	98
Antimony	100	96.1	96
Arsenic	100	96.4	96
Barium	100	99.5	99
Beryllium	100	98.2	98
Cadmium	100	95.5	96
Calcium	500000	466400	93
Chromium	100	99.2	99
Cobalt	100	94.0	94
Copper	100	88.8	89
Iron	200000	199200	100
Lead	100	90.1	90
Magnesium	500000	497000	99
Manganese	100	98.8	99
Nickel	100	93.7	94
Potassium	10000	10960	110
Selenium	100	92.6	93
Silver	100	102	102
Sodium	10000	11260	113
Thallium	100	94.3	94
Vanadium	100	96.5	97
Zinc	100	97.8	98
Boron	100	95.2	95
Molybdenum	100	96.0	96
Strontium	100	99.4	99
Tin	100	93.2	93
Titanium	100	100	100

Calculations are performed before rounding to avoid round-off errors in calculated results.

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Lab Sample ID: ICSA 460-128004/9 Instrument ID: ICP5
Lab File ID: 09142012A.asc ICS Source: ME_ICSA_Duo_00039
Concentration Units: ug/L

Analyte	True	Found	Percent Recovery
	Solution A	Solution A	
Aluminum	500000	500600	100
Antimony		-0.603	
Arsenic		1.74	
Barium		3.42	
Beryllium		-0.145	
Cadmium		-2.13	
Calcium	500000	475800	95
Chromium		1.35	
Cobalt		-0.659	
Copper		5.72	
Iron	200000	201900	101
Lead		-2.31	
Magnesium	500000	506000	101
Manganese		3.45	
Nickel		-2.48	
Potassium		620	
Selenium		-5.76	
Silver		-0.598	
Sodium		92.4	
Thallium		-5.04	
Vanadium		1.52	
Zinc		0.0735	
<i>Boron</i>		0.282	
<i>Molybdenum</i>		-1.41	
<i>Strontium</i>		-0.274	
<i>Tin</i>		-2.17	
<i>Titanium</i>		0.288	

Calculations are performed before rounding to avoid round-off errors in calculated results.

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Lab Sample ID: ICSAB 460-128004/10 Instrument ID: ICP5
Lab File ID: 09142012A.asc ICS Source: ME_ICSAB_DUO_00040
Concentration Units: ug/L

Analyte	True	Found	Percent Recovery
	Solution AB	Solution AB	
Aluminum	500000	498900	100
Antimony	100	96.7	97
Arsenic	100	102	102
Barium	100	100	100
Beryllium	100	99.1	99
Cadmium	100	94.7	95
Calcium	500000	469900	94
Chromium	100	98.9	99
Cobalt	100	95.3	95
Copper	100	105	105
Iron	200000	199800	100
Lead	100	93.9	94
Magnesium	500000	497000	99
Manganese	100	104	104
Nickel	100	92.8	93
Potassium	10000	10810	108
Selenium	100	91.8	92
Silver	100	101	101
Sodium	10000	11060	111
Thallium	100	93.5	94
Vanadium	100	99.4	99
Zinc	100	95.7	96
Boron	100	94.1	94
Molybdenum	100	96.1	96
Strontium	100	98.8	99
Tin	100	93.2	93
Titanium	100	101	101

Calculations are performed before rounding to avoid round-off errors in calculated results.

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: _____

Lab ID: 460-44418-A-8-C MS

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Matrix: Solid

Concentration Units: mg/Kg

% Solids: 91.3

Analyte	SSR C	Sample Result (SR) C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Mercury	0.152	0.024 U	0.182	83	75-125		7471A

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: _____

Lab ID: 460-44412-G-1-D MS

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Matrix: Water

Concentration Units: ug/L

% Solids: _____

Analyte	SSR C	Sample Result (SR) C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Mercury	2.01	0.16 U	2.00	101	75-125		7470A

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: _____

Lab ID: 460-44494-I-3-B MS

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Matrix: Water

Concentration Units: ug/L

% Solids: _____

Analyte	SSR C	Sample Result (SR) C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Aluminum	1981	72.1 U	2000	99	75-125		6010B
Antimony	489.4	7.4 U	500	98	75-125		6010B
Arsenic	1945	3.7 U	2000	97	75-125		6010B
Barium	2039	28.7 J	2000	101	75-125		6010B
Beryllium	48.55	0.78 U	50.0	97	75-125		6010B
Cadmium	49.85	0.82 U	50.0	100	75-125		6010B
Calcium	82350	65300	20000	85	75-125		6010B
Chromium	196.4	4.5 U	200	98	75-125		6010B
Cobalt	491.6	4.3 U	500	98	75-125		6010B
Copper	239.2	7.8 U	250	96	75-125		6010B
Iron	1032	73.6 U	1000	103	75-125		6010B
Lead	513.2	4.0 U	500	103	75-125		6010B
Magnesium	27040	7860	20000	96	75-125		6010B
Manganese	520.3	13.3 J	500	101	75-125		6010B
Nickel	497.8	5.0 U	500	100	75-125		6010B
Potassium	19900	525 U	20000	100	75-125		6010B
Selenium	1896	5.8 U	2000	95	75-125		6010B
Silver	47.42	1.3 U	50.0	95	75-125		6010B
Sodium	26360	5340	20000	105	75-125		6010B
Thallium	2118	5.2 U	2000	106	75-125		6010B
Vanadium	486.7	4.0 U	500	97	75-125		6010B
Zinc	488.2	5.8 U	500	98	75-125		6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: _____

Lab ID: 460-44369-C-36-G MS ^4

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Matrix: Solid

Concentration Units: mg/Kg

% Solids: 97.6

Analyte	SSR C	Sample Result (SR) C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Aluminum	798.0	466	199	167	75-125	F	6010B
Antimony	46.15	1.2 U	49.7	93	75-125		6010B
Arsenic	182.5	0.93 U	199	92	75-125		6010B
Barium	195.2	1.8 J	199	97	75-125		6010B
Beryllium	4.63	0.14 U	4.97	93	75-125		6010B
Cadmium	4.72	0.15 U	4.97	95	75-125		6010B
Calcium	1779	70.4 U	1990	89	75-125		6010B
Chromium	19.91	0.86 U	19.9	100	75-125		6010B
Cobalt	48.89	0.85 U	49.7	98	75-125		6010B
Copper	24.09	1.9 U	24.9	97	75-125		6010B
Iron	620.4	453	99.5	168	75-125	4	6010B
Lead	50.20	0.86 U	49.7	101	75-125		6010B
Magnesium	1967	71.6 U	1990	99	75-125		6010B
Manganese	53.86	4.5	49.7	99	75-125		6010B
Nickel	49.41	0.88 U	49.7	99	75-125		6010B
Potassium	1770	106 U	1990	89	75-125		6010B
Selenium	173.8	1.3 U	199	87	75-125		6010B
Silver	4.44	0.20 U	4.97	89	75-125		6010B
Sodium	1971	157 U	1990	99	75-125		6010B
Thallium	207.9	1.1 U	199	104	75-125		6010B
Vanadium	46.66	1.0 J	49.7	92	75-125		6010B
Zinc	48.13	1.1 U	49.7	97	75-125		6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VA - IN

5B-IN
 POST DIGESTION SPIKE SAMPLE RECOVERY
 METALS

Client ID: _____

Lab ID: 460-44494-I-3-A PDS

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Matrix: Water

Concentration Units: ug/L

Analyte	SSR C	Sample Result (SR) C	Spike Added (SA) C	%R	Control Limit %R	Q	Method	
Aluminum	1946	72.1	U	2000	97	75-125		6010B
Antimony	481.8	7.4	U	500	96	75-125		6010B
Arsenic	1909	3.7	U	2000	95	75-125		6010B
Barium	1992	28.7	J	2000	98	75-125		6010B
Beryllium	47.95	0.78	U	50.0	96	75-125		6010B
Cadmium	48.72	0.82	U	50.0	97	75-125		6010B
Calcium	80380	65300		20000	75	75-125		6010B
Chromium	190.1	4.5	U	200	95	75-125		6010B
Cobalt	480.3	4.3	U	500	96	75-125		6010B
Copper	238.5	7.8	U	250	95	75-125		6010B
Iron	991.4	73.6	U	1000	99	75-125		6010B
Lead	502.3	4.0	U	500	100	75-125		6010B
Magnesium	26320	7860		20000	92	75-125		6010B
Manganese	504.7	13.3	J	500	98	75-125		6010B
Nickel	486.6	5.0	U	500	97	75-125		6010B
Potassium	19600	525	U	20000	98	75-125		6010B
Selenium	1857	5.8	U	2000	93	75-125		6010B
Silver	46.69	1.3	U	50.0	93	75-125		6010B
Sodium	25980	5340		20000	103	75-125		6010B
Thallium	2074	5.2	U	2000	104	75-125		6010B
Vanadium	472.8	4.0	U	500	95	75-125		6010B
Zinc	477.2	5.8	U	500	95	75-125		6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: _____

Lab ID: 460-44369-C-36-E PDS ^4

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Matrix: Solid

Concentration Units: mg/Kg

Analyte	SSR C	Sample Result (SR) C	Spike Added (SA) C	%R	Control Limit %R	Q	Method
Aluminum	841.2	466	398	94	75-125		6010B
Antimony	94.26	1.2 U	99.5	95	75-125		6010B
Arsenic	377.7	0.93 U	398	95	75-125		6010B
Barium	393.2	1.8 J	398	98	75-125		6010B
Beryllium	9.58	0.14 U	9.95	96	75-125		6010B
Cadmium	9.69	0.15 U	9.95	97	75-125		6010B
Calcium	3630	70.4 U	3980	91	75-125		6010B
Chromium	39.96	0.86 U	39.8	100	75-125		6010B
Cobalt	99.05	0.85 U	99.5	100	75-125		6010B
Copper	49.51	1.9 U	49.7	100	75-125		6010B
Iron	656.6	453	199	102	75-125		6010B
Lead	100.9	0.86 U	99.5	101	75-125		6010B
Magnesium	3934	71.6 U	3980	99	75-125		6010B
Manganese	104.7	4.5	99.5	101	75-125		6010B
Nickel	100.3	0.88 U	99.5	101	75-125		6010B
Potassium	3680	106 U	3980	92	75-125		6010B
Selenium	359.8	1.3 U	398	90	75-125		6010B
Silver	9.28	0.20 U	9.95	93	75-125		6010B
Sodium	4060	157 U	3980	102	75-125		6010B
Thallium	418.9	1.1 U	398	105	75-125		6010B
Vanadium	94.80	1.0 J	99.5	94	75-125		6010B
Zinc	97.48	1.1 U	99.5	98	75-125		6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VB - IN

6-IN
DUPLICATES
METALS

Client ID: _____ Lab ID: 460-44418-A-8-B DU _____
Lab Name: TestAmerica Edison Job No.: 460-44405-1 _____
SDG No.: _____
% Solids for Sample: 91.3 % Solids for Duplicate: 91.3 _____
Matrix: Solid Concentration Units: mg/Kg _____

Analyte	Control Limit	Sample (S) C	Duplicate (D) C	RPD	Q	Method
Mercury	0.036	0.024 U	0.024 U	NC		7471A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: _____ Lab ID: 460-44412-G-1-C DU _____
Lab Name: TestAmerica Edison Job No.: 460-44405-1 _____
SDG No.: _____
% Solids for Sample: _____ % Solids for Duplicate: _____
Matrix: Water Concentration Units: ug/L _____

Analyte	Control Limit	Sample (S) C	Duplicate (D) C	RPD	Q	Method
Mercury	0.20	0.16 U	0.16 U	NC		7470A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: _____

Lab ID: 460-44494-C-3-A DU

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

% Solids for Sample: _____

% Solids for Duplicate: _____

Matrix: Water

Concentration Units: ug/L

Analyte	Control Limit	Sample (S) C	Duplicate (D) C	RPD	Q	Method
Aluminum	200	72.1	U	72.1	U	NC
Antimony	10.0	7.4	U	7.4	U	NC
Arsenic	5.0	3.7	U	3.7	U	NC
Barium	200	28.7	J	28.35	J	1
Beryllium	2.0	0.78	U	0.78	U	NC
Cadmium	5.0	0.82	U	0.82	U	NC
Calcium	5000	65300		63910		2
Chromium	10.0	4.5	U	4.5	U	NC
Cobalt	50.0	4.3	U	4.3	U	NC
Copper	25.0	7.8	U	7.8	U	NC
Iron	150	73.6	U	73.6	U	NC
Lead	5.0	4.0	U	4.0	U	NC
Magnesium	5000	7860		7760		1
Manganese	15.0	13.3	J	13.28	J	0.2
Nickel	40.0	5.0	U	5.0	U	NC
Potassium	5000	525	U	525	U	NC
Selenium	10.0	5.8	U	5.8	U	NC
Silver	10.0	1.3	U	1.3	U	NC
Sodium	5000	5340		5327		0.3
Thallium	10.0	5.2	U	5.2	U	NC
Vanadium	50.0	4.0	U	4.0	U	NC
Zinc	30.0	5.8	U	5.8	U	NC

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: _____ Lab ID: 460-44369-C-36-F DU ^4
 Lab Name: TestAmerica Edison Job No.: 460-44405-1
 SDG No.: _____
 % Solids for Sample: 97.6 % Solids for Duplicate: 97.6
 Matrix: Solid Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Aluminum	40.2	466		502.9		8		6010B
Antimony	2.0	1.2	U	1.2	U	NC		6010B
Arsenic	1.0	0.93	U	0.94	U	NC		6010B
Barium	40.2	1.8	J	1.87	J	5		6010B
Beryllium	0.40	0.14	U	0.14	U	NC		6010B
Cadmium	1.0	0.15	U	0.15	U	NC		6010B
Calcium	1000	70.4	U	71.1	U	NC		6010B
Chromium	2.0	0.86	U	0.86	U	NC		6010B
Cobalt	10.0	0.85	U	0.86	U	NC		6010B
Copper	5.0	1.9	U	1.9	U	NC		6010B
Iron	30.1	453		481.8		6		6010B
Lead	1.0	0.86	U	0.86	U	NC		6010B
Magnesium	1000	71.6	U	72.3	U	NC		6010B
Manganese	3.0	4.5		4.62		3		6010B
Nickel	8.0	0.88	U	0.88	U	NC		6010B
Potassium	1000	106	U	107	U	NC		6010B
Selenium	2.0	1.3	U	1.3	U	NC		6010B
Silver	2.0	0.20	U	0.20	U	NC		6010B
Sodium	1000	157	U	159	U	NC		6010B
Thallium	2.0	1.1	U	1.1	U	NC		6010B
Vanadium	10.0	1.0	J	1.04	J	4		6010B
Zinc	6.0	1.1	U	1.1	U	NC		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 460-127660/2-A

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

Sample Matrix: Water

LCS Source: ME_LCS-int_00032

Analyte	Water (ug/L)							
	True	Found	C	%R	Limits		Q	Method
Aluminum	2000	1893		95	80	120		6010B
Antimony	500	473.6		95	80	120		6010B
Arsenic	2000	1881		94	80	120		6010B
Barium	2000	1985		99	80	120		6010B
Beryllium	50.0	48.05		96	80	120		6010B
Cadmium	50.0	49.08		98	80	120		6010B
Calcium	20000	16900		85	80	120		6010B
Chromium	200	192.9		96	80	120		6010B
Cobalt	500	488.4		98	80	120		6010B
Copper	250	240.3		96	80	120		6010B
Iron	1000	979.6		98	80	120		6010B
Lead	500	509.8		102	80	120		6010B
Magnesium	20000	19250		96	80	120		6010B
Manganese	500	498.9		100	80	120		6010B
Nickel	500	494.2		99	80	120		6010B
Potassium	20000	19290		96	80	120		6010B
Selenium	2000	1845		92	80	120		6010B
Silver	50.0	46.48		93	80	120		6010B
Sodium	20000	21050		105	80	120		6010B
Thallium	2000	2129		106	80	120		6010B
Vanadium	500	472.7		95	80	120		6010B
Zinc	500	476.5		95	80	120		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
METALS

Lab ID: LCSSRM 460-127756/2-A ^4

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

Sample Matrix: Solid

LCS Source: ME_LCSS_77_00002

Analyte	Solid(mg/Kg)						
	True	Found	C	%R	Limits	Q	Method
Aluminum	9310	4298		46.2	43.3	156.8	
Antimony	120	218.0		181.7	20.8	252.5	
Arsenic	168	165.0		98.2	70.8	129.8	
Barium	213	199.3		93.6	73.2	126.8	
Beryllium	110	110.8		100.7	75.1	125.5	
Cadmium	103	101.2		98.2	73.0	126.2	
Calcium	6870	6366		92.7	74.4	125.8	
Chromium	119	114.6		96.3	69.7	129.4	
Cobalt	131	135.2		103.2	74.4	125.2	
Copper	118	118.1		100.1	74.6	124.6	
Iron	13000	9462		72.8	32.2	167.7	
Lead	76.9	80.18		104.3	68.7	131.3	
Magnesium	2780	2074		74.6	65.1	135.3	
Manganese	338	333.0		98.5	75.4	125.1	
Nickel	70.0	71.14		101.6	70.9	129.0	
Potassium	3130	2292		73.2	62.9	136.7	
Selenium	126	119.7		95.0	66.7	134.1	
Silver	42.3	41.30		97.6	66.2	134.0	
Sodium	350	326.2	J	93.2	42.9	156.9	
Thallium	208	228.0		109.6	69.2	130.8	
Vanadium	87.1	79.16		90.9	63.1	136.6	
Zinc	276	265.8		96.3	71.4	128.6	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 460-127418/12-A

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

Sample Matrix: Water

LCS Source: ME_DCAL-IN_00900

Analyte	Water (ug/L)						
	True	Found	C	%R	Limits	Q	Method
Mercury	2.00	2.01		101	80	120	7470A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
METALS

Lab ID: LCSSRM 460-127408/11-A ^40

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

Sample Matrix: Solid

LCS Source: ME_LCSS_77_00002

Analyte	Solid (mg/Kg)						
	True	Found	C	%R	Limits	Q	Method
Mercury	25.1	25.67		102.3	51.4	148.2	7471A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 460-44494-I-3-A SD ^5

SDG No:

Lab Name: TestAmerica Edison

Job No: 460-44405-1

Matrix: Water

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Aluminum	72.1	U	361	U	NC		6010B
Antimony	7.4	U	36.8	U	NC		6010B
Arsenic	3.7	U	18.6	U	NC		6010B
Barium	28.7	J	29.7	U	NC		6010B
Beryllium	0.78	U	3.9	U	NC		6010B
Cadmium	0.82	U	4.1	U	NC		6010B
Calcium	65300		64450		1.3		6010B
Chromium	4.5	U	22.3	U	NC		6010B
Cobalt	4.3	U	21.4	U	NC		6010B
Copper	7.8	U	39.2	U	NC		6010B
Iron	73.6	U	368	U	NC		6010B
Lead	4.0	U	20.1	U	NC		6010B
Magnesium	7860		8015	J	NC		6010B
Manganese	13.3	J	21.5	U	NC		6010B
Nickel	5.0	U	24.9	U	NC		6010B
Potassium	525	U	2620	U	NC		6010B
Selenium	5.8	U	28.8	U	NC		6010B
Silver	1.3	U	6.7	U	NC		6010B
Sodium	5340		5555	J	NC		6010B
Thallium	5.2	U	26.2	U	NC		6010B
Vanadium	4.0	U	20.2	U	NC		6010B
Zinc	5.8	U	29.2	U	NC		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 460-44369-C-36-E SD ^20

SDG No:

Lab Name: TestAmerica Edison

Job No: 460-44405-1

Matrix: Solid

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Aluminum	466		462.7		NC		6010B
Antimony	1.2	U	6.2	U	NC		6010B
Arsenic	0.93	U	4.7	U	NC		6010B
Barium	1.8	J	5.7	U	NC		6010B
Beryllium	0.14	U	0.72	U	NC		6010B
Cadmium	0.15	U	0.74	U	NC		6010B
Calcium	70.4	U	352	U	NC		6010B
Chromium	0.86	U	4.3	U	NC		6010B
Cobalt	0.85	U	4.2	U	NC		6010B
Copper	1.9	U	9.6	U	NC		6010B
Iron	453		444.7		NC		6010B
Lead	0.86	U	4.3	U	NC		6010B
Magnesium	71.6	U	358	U	NC		6010B
Manganese	4.5		4.4	U	NC		6010B
Nickel	0.88	U	4.4	U	NC		6010B
Potassium	106	U	532	U	NC		6010B
Selenium	1.3	U	6.6	U	NC		6010B
Silver	0.20	U	0.99	U	NC		6010B
Sodium	157	U	786	U	NC		6010B
Thallium	1.1	U	5.6	U	NC		6010B
Vanadium	1.0	J	3.8	U	NC		6010B
Zinc	1.1	U	5.4	U	NC		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 460-44418-A-8-A SD ^5

SDG No:

Lab Name: TestAmerica Edison

Job No: 460-44405-1

Matrix: Solid

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I) C		Serial Dilution Result (S) C		% Difference	Q	Method
Mercury	0.024	U	0.12	U	NC		7471A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 460-44412-G-1-B SD ^5

SDG No:

Lab Name: TestAmerica Edison

Job No: 460-44405-1

Matrix: Water

Concentration Units: ug/L

Analyte	Initial Sample Result (I) C		Serial Dilution Result (S) C		% Difference	Q	Method
Mercury	0.16	U	0.80	U	NC		7470A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison

Job Number: 460-44405-1

SDG Number: _____

Matrix: Water

Instrument ID: ICP5

Method: 6010B

MDL Date: 11/14/2011 12:49

Prep Method: 3010A

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Aluminum		200	72.11
Antimony		10	7.351
Arsenic		5	3.729
Barium		200	5.944
Beryllium		2	0.776
Cadmium		5	0.818
Calcium		5000	304.6
Chromium		10	4.46
Cobalt		50	4.272
Copper		25	7.838
Iron		150	73.6
Lead		5	4.012
Magnesium		5000	321.4
Manganese		15	4.303
Nickel		40	4.981
Potassium		5000	524.8
Selenium		10	5.758
Silver		10	1.339
Sodium		5000	820.7
Thallium		10	5.247
Vanadium		50	4.044
Zinc		30	5.849

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison

Job Number: 460-44405-1

SDG Number: _____

Matrix: Water

Instrument ID: ICP5

Method: 6010B

XMDL Date: 11/14/2011 12:49

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Aluminum		200	72.11
Antimony		10	7.351
Arsenic		5	3.729
Barium		200	5.944
Beryllium		2	0.776
Cadmium		5	0.818
Calcium		5000	304.6
Chromium		10	4.46
Cobalt		50	4.272
Copper		25	7.838
Iron		150	73.6
Lead		5	4.012
Magnesium		5000	321.4
Manganese		15	4.303
Nickel		40	4.981
Potassium		5000	524.8
Selenium		10	5.758
Silver		10	1.339
Sodium		5000	820.7
Thallium		10	5.247
Vanadium		50	4.044
Zinc		30	5.849

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison

Job Number: 460-44405-1

SDG Number: _____

Matrix: Solid

Instrument ID: ICP5

Method: 6010B

MDL Date: 02/08/2012 17:17

Prep Method: 3050B

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Aluminum		40	18.2
Antimony		2	1.24
Arsenic		1	0.94
Barium		40	1.14
Beryllium		0.4	0.144
Cadmium		1	0.148
Calcium		1000	70.8
Chromium		2	0.86
Cobalt		10	0.852
Copper		5	1.94
Iron		30	12.1
Lead		1	0.86
Magnesium		1000	72
Manganese		3	0.88
Nickel		8	0.88
Potassium		1000	107
Selenium		2	1.32
Silver		2	0.2
Sodium		1000	158
Thallium		2	1.13
Vanadium		10	0.768
Zinc		6	1.08

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison

Job Number: 460-44405-1

SDG Number: _____

Matrix: Solid

Instrument ID: ICP5

Method: 6010B

XMDL Date: 11/14/2011 14:14

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Aluminum		200	72.11
Antimony		10	7.351
Arsenic		5	3.729
Barium		200	5.944
Beryllium		2	0.776
Cadmium		5	0.818
Calcium		5000	304.6
Chromium		10	4.46
Cobalt		50	4.272
Copper		25	7.838
Iron		150	73.6
Lead		5	4.012
Magnesium		5000	321.4
Manganese		15	4.303
Nickel		40	4.981
Potassium		5000	524.8
Selenium		10	5.758
Silver		10	1.339
Sodium		5000	820.7
Thallium		10	5.247
Vanadium		50	4.044
Zinc		30	5.849

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison

Job Number: 460-44405-1

SDG Number: _____

Matrix: Water

Instrument ID: LEEMAN5

Method: 7470A

MDL Date: 11/14/2011 12:40

Prep Method: 7470A

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Mercury		0.2	0.16

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison

Job Number: 460-44405-1

SDG Number: _____

Matrix: Water

Instrument ID: LEEMAN5

Method: 7470A

XMDL Date: 11/14/2011 12:40

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Mercury		0.2	0.16

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison

Job Number: 460-44405-1

SDG Number: _____

Matrix: Solid

Instrument ID: LEEMAN5

Method: 7471A

MDL Date: 03/23/2011 11:28

Prep Method: 7471A

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Mercury		0.033	0.022

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison

Job Number: 460-44405-1

SDG Number: _____

Matrix: Solid

Instrument ID: LEEMAN5

Method: 7471A

XMDL Date: 11/14/2011 14:17

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Mercury		0.2	0.16

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Prep Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 460-127660/1-A	09/13/2012 09:52	127660		100	100
LCS 460-127660/2-A	09/13/2012 09:52	127660		100	100
460-44494-C-3-A DU	09/13/2012 09:52	127660		100	100
460-44494-I-3-B MS	09/13/2012 09:52	127660		100	100
460-44405-2	09/13/2012 09:52	127660		100	100

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-127756/1-A ^2	09/13/2012 17:01	127756	1.00		50
LCSSRM 460-127756/2-A ^4	09/13/2012 17:01	127756	1.00		50
460-44369-C-36-F DU ^4	09/13/2012 17:01	127756	1.02		50
460-44369-C-36-G MS ^4	09/13/2012 17:01	127756	1.03		50
460-44405-1	09/13/2012 17:01	127756	1.00		50

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Prep Method: 7471A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-127408/10-A	09/11/2012 16:30	127408	0.60		100
LCSSRM 460-127408/11-A ^40	09/11/2012 16:30	127408	0.60		100
460-44418-A-8-B DU	09/11/2012 16:30	127408	0.60		100
460-44418-A-8-C MS	09/11/2012 16:30	127408	0.60		100
460-44405-1	09/11/2012 16:30	127408	0.62		100

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Prep Method: 7470A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 460-127418/11-A	09/11/2012 17:00	127418		30	30
LCS 460-127418/12-A	09/11/2012 17:00	127418		30	30
460-44412-G-1-C DU	09/11/2012 17:00	127418		30	30
460-44412-G-1-D MS	09/11/2012 17:00	127418		30	30
460-44405-2	09/11/2012 17:00	127418		30	30

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-44405-1

SDG No.: _____

Instrument ID: ICP5 Method: 6010B

Start Date: 09/13/2012 18:49 End Date: 09/14/2012 06:31

Lab Sample ID	D / F	T Y p e	Time	Analytes																		
				A g	A l	A s	B a	B e	C a	C d	C o	C r	C u	F e	K	M g	M n	N a	N i	P b	S b	S e
ZZZZZZ			18:49																			
ZZZZZZ			18:53																			
ZZZZZZ			18:57																			
ZZZZZZ			19:02																			
ZZZZZZ			19:06																			
ZZZZZZ			19:10																			
ICV 460-127809/7	1		19:15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ICB 460-127809/8	1		19:19	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ICSA 460-127809/9	1		19:23	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ICSAB 460-127809/10	1		19:27	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ZZZZZZ			19:32																			
ZZZZZZ			19:36																			
ZZZZZZ			19:40																			
ZZZZZZ			19:45																			
ZZZZZZ			19:49																			
ZZZZZZ			19:53																			
ZZZZZZ			19:57																			
ZZZZZZ			20:01																			
CCV 460-127809/19			20:05																			
CCB 460-127809/20			20:09																			
ZZZZZZ			20:13																			
ZZZZZZ			20:18																			
ZZZZZZ			20:22																			
ZZZZZZ			20:26																			
ZZZZZZ			20:30																			
ZZZZZZ			20:34																			
ZZZZZZ			20:38																			
ZZZZZZ			20:42																			
ZZZZZZ			20:47																			
ZZZZZZ			20:51																			
CCV 460-127809/31			20:55																			
CCB 460-127809/32			20:59																			
ZZZZZZ			21:03																			
ZZZZZZ			21:08																			
ZZZZZZ			21:12																			
ZZZZZZ			21:16																			
ZZZZZZ			21:20																			
ZZZZZZ			21:24																			
ZZZZZZ			21:28																			
ZZZZZZ			21:33																			
ZZZZZZ			21:37																			
ZZZZZZ			21:41																			

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-44405-1

SDG No.: _____

Instrument ID: ICP5 Method: 6010B

Start Date: 09/13/2012 18:49 End Date: 09/14/2012 06:31

Lab Sample ID	D / F	T Y p e	Time	Analytes																		
				A g	A l	A s	B a	B e	C a	C d	C o	C r	C u	F e	K	M g	M n	N a	N i	P b	S b	S e
CCV 460-127809/43			21:45																			
CCB 460-127809/44			21:49																			
ZZZZZZ			21:53																			
ZZZZZZ			21:58																			
ZZZZZZ			22:02																			
ZZZZZZ			22:06																			
ZZZZZZ			22:10																			
ZZZZZZ			22:14																			
ZZZZZZ			22:18																			
ZZZZZZ			22:23																			
ZZZZZZ			22:27																			
ZZZZZZ			22:31																			
CCV 460-127809/55			22:35																			
CCB 460-127809/56			22:39																			
ZZZZZZ			22:43																			
ZZZZZZ			22:48																			
ZZZZZZ			22:52																			
ZZZZZZ			22:56																			
ZZZZZZ			23:00																			
ZZZZZZ			23:04																			
ZZZZZZ			23:08																			
ZZZZZZ			23:13																			
ZZZZZZ			23:17																			
ZZZZZZ			23:21																			
CCV 460-127809/67	1		23:25	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
CCB 460-127809/68	1		23:29	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ZZZZZZ			23:34																			
ZZZZZZ			23:38																			
ZZZZZZ			23:42																			
ZZZZZZ			23:46																			
ZZZZZZ			23:50																			
ZZZZZZ			23:55																			
ZZZZZZ			23:59																			
460-44494-C-3-A DU	1	T	00:03	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ZZZZZZ			00:07																			
LCS 460-127660/2-A	1	T	00:11	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
CCV 460-127809/79	1		00:15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
CCB 460-127809/80	1		00:19	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
MB 460-127660/1-A	1	T	00:24	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
460-44494-I-3-A SD ^5	5	T	00:28	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
460-44494-I-3-B MS	1	T	00:32	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
460-44494-I-3-A PDS	1	T	00:36	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-44405-1

SDG No.: _____

Instrument ID: ICP5 Method: 6010B

Start Date: 09/13/2012 18:49 End Date: 09/14/2012 06:31

Lab Sample ID	D / F	T Y p e	Time	Analytes																		
				A g	A l	A s	B a	B e	C a	C d	C o	C r	C u	F e	K	M g	M n	N a	N i	P b	S b	S e
ZZZZZZ			00:40																			
ZZZZZZ			00:44																			
ZZZZZZ			00:48																			
ZZZZZZ			00:53																			
ZZZZZZ			00:57																			
460-44405-2	1	T	01:01	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
CCV 460-127809/91	1		01:05	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
CCB 460-127809/92	1		01:09	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ZZZZZZ			01:14																			
ZZZZZZ			01:18																			
ZZZZZZ			01:22																			
ZZZZZZ			01:26																			
ZZZZZZ			01:31																			
ZZZZZZ			01:35																			
ZZZZZZ			01:39																			
ZZZZZZ			01:43																			
ZZZZZZ			01:47																			
ZZZZZZ			01:52																			
CCV 460-127809/103			01:56																			
CCB 460-127809/104			02:00																			
ZZZZZZ			02:04																			
ZZZZZZ			02:08																			
ZZZZZZ			02:12																			
ZZZZZZ			02:16																			
ZZZZZZ			02:20																			
ZZZZZZ			02:24																			
ZZZZZZ			02:29																			
ZZZZZZ			02:33																			
ZZZZZZ			02:37																			
ZZZZZZ			02:41																			
CCV 460-127809/115			02:45																			
CCB 460-127809/116			02:49																			
ZZZZZZ			02:54																			
ZZZZZZ			02:58																			
ZZZZZZ			03:02																			
ZZZZZZ			03:06																			
ZZZZZZ			03:10																			
ZZZZZZ			03:14																			
ZZZZZZ			03:18																			
ZZZZZZ			03:22																			
ZZZZZZ			03:27																			
ZZZZZZ			03:31																			

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-44405-1

SDG No.: _____

Instrument ID: ICP5 Method: 6010B

Start Date: 09/13/2012 18:49 End Date: 09/14/2012 06:31

Lab Sample ID	D / F	T Y p e	Time	Analytes																
				A g	A l	A s	B a	B e	C a	C d	C o	C r	C u	F e	K	M g	M n	N a	N i	
CCV 460-127809/127			03:35																	
CCB 460-127809/128			03:39																	
ZZZZZZ			03:43																	
ZZZZZZ			03:47																	
ZZZZZZ			03:51																	
ZZZZZZ			03:56																	
ZZZZZZ			04:00																	
ZZZZZZ			04:04																	
ZZZZZZ			04:09																	
ZZZZZZ			04:13																	
ZZZZZZ			04:17																	
ZZZZZZ			04:21																	
CCV 460-127809/139			04:26																	
CCB 460-127809/140			04:30																	
ZZZZZZ			04:34																	
ZZZZZZ			04:38																	
ZZZZZZ			04:43																	
ZZZZZZ			04:47																	
ZZZZZZ			04:51																	
ZZZZZZ			04:55																	
ZZZZZZ			05:00																	
ZZZZZZ			05:04																	
ZZZZZZ			05:08																	
ZZZZZZ			05:12																	
CCV 460-127809/151			05:16																	
CCB 460-127809/152			05:20																	
ZZZZZZ			05:24																	
ZZZZZZ			05:29																	
ZZZZZZ			05:33																	
ZZZZZZ			05:37																	
ZZZZZZ			05:41																	
ZZZZZZ			05:45																	
ZZZZZZ			05:50																	
ZZZZZZ			05:54																	
ZZZZZZ			05:58																	
ZZZZZZ			06:02																	
CCV 460-127809/163			06:06																	
CCB 460-127809/164			06:10																	
ZZZZZZ			06:14																	
ZZZZZZ			06:19																	
ZZZZZZ			06:23																	
CCV 460-127809/168			06:27																	

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-44405-1

SDG No.: _____

Instrument ID: ICP5 Method: 6010B

Start Date: 09/13/2012 18:49 End Date: 09/14/2012 06:31

Lab Sample ID	D / F	T Y p e	Time	Analytes																				
				A g	A l	A s	B a	B e	C a	C d	C o	C r	C u	F e	K	M g	M n	N a	N i	P b	S b	S e	T l	
CCB 460-127809/169			06:31																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-44405-1

SDG No.: _____

Instrument ID: ICP5 Method: 6010B

Start Date: 09/13/2012 18:49 End Date: 09/14/2012 06:31

Lab Sample ID	D / F	T Y p e	Time	Analytes												
				V	Z n											
ZZZZZ			18:49													
ZZZZZ			18:53													
ZZZZZ			18:57													
ZZZZZ			19:02													
ZZZZZ			19:06													
ZZZZZ			19:10													
ICV 460-127809/7	1		19:15	X	X											
ICB 460-127809/8	1		19:19	X	X											
ICSA 460-127809/9	1		19:23	X	X											
ICSAB 460-127809/10	1		19:27	X	X											
ZZZZZ			19:32													
ZZZZZ			19:36													
ZZZZZ			19:40													
ZZZZZ			19:45													
ZZZZZ			19:49													
ZZZZZ			19:53													
ZZZZZ			19:57													
ZZZZZ			20:01													
CCV 460-127809/19			20:05													
CCB 460-127809/20			20:09													
ZZZZZ			20:13													
ZZZZZ			20:18													
ZZZZZ			20:22													
ZZZZZ			20:26													
ZZZZZ			20:30													
ZZZZZ			20:34													
ZZZZZ			20:38													
ZZZZZ			20:42													
ZZZZZ			20:47													
ZZZZZ			20:51													
CCV 460-127809/31			20:55													
CCB 460-127809/32			20:59													
ZZZZZ			21:03													
ZZZZZ			21:08													
ZZZZZ			21:12													
ZZZZZ			21:16													
ZZZZZ			21:20													
ZZZZZ			21:24													
ZZZZZ			21:28													
ZZZZZ			21:33													
ZZZZZ			21:37													
ZZZZZ			21:41													

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-44405-1

SDG No.: _____

Instrument ID: ICP5 Method: 6010B

Start Date: 09/13/2012 18:49 End Date: 09/14/2012 06:31

Lab Sample ID	D / F	T Y p e	Time	Analytes												
				V	Z n											
CCV 460-127809/43			21:45													
CCB 460-127809/44			21:49													
ZZZZZZ			21:53													
ZZZZZZ			21:58													
ZZZZZZ			22:02													
ZZZZZZ			22:06													
ZZZZZZ			22:10													
ZZZZZZ			22:14													
ZZZZZZ			22:18													
ZZZZZZ			22:23													
ZZZZZZ			22:27													
ZZZZZZ			22:31													
CCV 460-127809/55			22:35													
CCB 460-127809/56			22:39													
ZZZZZZ			22:43													
ZZZZZZ			22:48													
ZZZZZZ			22:52													
ZZZZZZ			22:56													
ZZZZZZ			23:00													
ZZZZZZ			23:04													
ZZZZZZ			23:08													
ZZZZZZ			23:13													
ZZZZZZ			23:17													
ZZZZZZ			23:21													
CCV 460-127809/67	1		23:25	X	X											
CCB 460-127809/68	1		23:29	X	X											
ZZZZZZ			23:34													
ZZZZZZ			23:38													
ZZZZZZ			23:42													
ZZZZZZ			23:46													
ZZZZZZ			23:50													
ZZZZZZ			23:55													
ZZZZZZ			23:59													
460-44494-C-3-A DU	1	T	00:03	X	X											
ZZZZZZ			00:07													
LCS 460-127660/2-A	1	T	00:11	X	X											
CCV 460-127809/79	1		00:15	X	X											
CCB 460-127809/80	1		00:19	X	X											
MB 460-127660/1-A	1	T	00:24	X	X											
460-44494-I-3-A SD ^5	5	T	00:28	X	X											
460-44494-I-3-B MS	1	T	00:32	X	X											
460-44494-I-3-A PDS	1	T	00:36	X	X											

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-44405-1

SDG No.: _____

Instrument ID: ICP5 Method: 6010B

Start Date: 09/13/2012 18:49 End Date: 09/14/2012 06:31

Lab Sample ID	D / F	T Y p e	Time	Analytes												
				V	Z n											
ZZZZZ			00:40													
ZZZZZ			00:44													
ZZZZZ			00:48													
ZZZZZ			00:53													
ZZZZZ			00:57													
460-44405-2	1	T	01:01	X	X											
CCV 460-127809/91	1		01:05	X	X											
CCB 460-127809/92	1		01:09	X	X											
ZZZZZ			01:14													
ZZZZZ			01:18													
ZZZZZ			01:22													
ZZZZZ			01:26													
ZZZZZ			01:31													
ZZZZZ			01:35													
ZZZZZ			01:39													
ZZZZZ			01:43													
ZZZZZ			01:47													
ZZZZZ			01:52													
CCV 460-127809/103			01:56													
CCB 460-127809/104			02:00													
ZZZZZ			02:04													
ZZZZZ			02:08													
ZZZZZ			02:12													
ZZZZZ			02:16													
ZZZZZ			02:20													
ZZZZZ			02:24													
ZZZZZ			02:29													
ZZZZZ			02:33													
ZZZZZ			02:37													
ZZZZZ			02:41													
CCV 460-127809/115			02:45													
CCB 460-127809/116			02:49													
ZZZZZ			02:54													
ZZZZZ			02:58													
ZZZZZ			03:02													
ZZZZZ			03:06													
ZZZZZ			03:10													
ZZZZZ			03:14													
ZZZZZ			03:18													
ZZZZZ			03:22													
ZZZZZ			03:27													
ZZZZZ			03:31													

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-44405-1

SDG No.: _____

Instrument ID: ICP5 Method: 6010B

Start Date: 09/13/2012 18:49 End Date: 09/14/2012 06:31

Lab Sample ID	D / F	T Y p e	Time	Analytes												
				V	Z n											
CCV 460-127809/127			03:35													
CCB 460-127809/128			03:39													
ZZZZZZ			03:43													
ZZZZZZ			03:47													
ZZZZZZ			03:51													
ZZZZZZ			03:56													
ZZZZZZ			04:00													
ZZZZZZ			04:04													
ZZZZZZ			04:09													
ZZZZZZ			04:13													
ZZZZZZ			04:17													
ZZZZZZ			04:21													
CCV 460-127809/139			04:26													
CCB 460-127809/140			04:30													
ZZZZZZ			04:34													
ZZZZZZ			04:38													
ZZZZZZ			04:43													
ZZZZZZ			04:47													
ZZZZZZ			04:51													
ZZZZZZ			04:55													
ZZZZZZ			05:00													
ZZZZZZ			05:04													
ZZZZZZ			05:08													
ZZZZZZ			05:12													
CCV 460-127809/151			05:16													
CCB 460-127809/152			05:20													
ZZZZZZ			05:24													
ZZZZZZ			05:29													
ZZZZZZ			05:33													
ZZZZZZ			05:37													
ZZZZZZ			05:41													
ZZZZZZ			05:45													
ZZZZZZ			05:50													
ZZZZZZ			05:54													
ZZZZZZ			05:58													
ZZZZZZ			06:02													
CCV 460-127809/163			06:06													
CCB 460-127809/164			06:10													
ZZZZZZ			06:14													
ZZZZZZ			06:19													
ZZZZZZ			06:23													
CCV 460-127809/168			06:27													

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-44405-1

SDG No.:

Instrument ID: ICP5 Method: 6010B

Start Date: 09/13/2012 18:49 End Date: 09/14/2012 06:31

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-44405-1

SDG No.: _____

Instrument ID: ICP5 Method: 6010B

Start Date: 09/14/2012 18:35 End Date: 09/15/2012 02:37

Lab Sample ID	D / F	T Y p e	Time	Analytes																				
				A g	A l	A s	B a	B e	C a	C d	C o	C r	C u	F e	K	M g	M n	N a	N i	P b	S b	S e	T l	
ZZZZZZ			18:35																					
ZZZZZZ			18:39																					
ZZZZZZ			18:44																					
ZZZZZZ			18:48																					
ZZZZZZ			18:52																					
ZZZZZZ			18:56																					
ICV 460-128004/7	1		19:00	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ICB 460-128004/8	1		19:04	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ICSA 460-128004/9	1		19:09	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ICSAB 460-128004/10	1		19:13	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ZZZZZZ			19:18																					
ZZZZZZ			19:22																					
ZZZZZZ			19:26																					
ZZZZZZ			19:31																					
ZZZZZZ			19:35																					
ZZZZZZ			19:39																					
ZZZZZZ			19:43																					
ZZZZZZ			19:47																					
CCV 460-128004/19			19:51																					
CCB 460-128004/20			19:55																					
ZZZZZZ			20:00																					
ZZZZZZ			20:04																					
ZZZZZZ			20:08																					
ZZZZZZ			20:12																					
ZZZZZZ			20:17																					
ZZZZZZ			20:21																					
ZZZZZZ			20:25																					
ZZZZZZ			20:29																					
ZZZZZZ			20:33																					
ZZZZZZ			20:38																					
CCV 460-128004/31	1		20:42	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
CCB 460-128004/32	1		20:46	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ZZZZZZ			20:50																					
ZZZZZZ			20:55																					
ZZZZZZ			20:59																					
ZZZZZZ			21:03																					
ZZZZZZ			21:07																					
ZZZZZZ			21:12																					
ZZZZZZ			21:16																					
ZZZZZZ			21:20																					
ZZZZZZ			21:24																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-44405-1

SDG No.: _____

Instrument ID: ICP5 Method: 6010B

Start Date: 09/14/2012 18:35 End Date: 09/15/2012 02:37

Lab Sample ID	D / F	T Y p e	Time	Analytes																			
				A g	A l	A s	B a	B e	C a	C d	C o	C r	C u	F e	K	M g	M n	N a	N i	P b	S b	S e	T l
LCSSRM 460-127756/2-A ^4	4	T	21:28	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 460-128004/43	1		21:32	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-128004/44	1		21:36	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MB 460-127756/1-A ^2	2	T	21:41	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-44369-C-36-F DU ^4	4	T	21:45	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			21:50																				
460-44369-C-36-E SD ^20	20	T	21:54	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-44369-C-36-G MS ^4	4	T	21:58	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-44369-C-36-E PDS ^4	4	T	22:02	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			22:07																				
ZZZZZZ			22:11																				
ZZZZZZ			22:15																				
ZZZZZZ			22:19																				
CCV 460-128004/55	1		22:24	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-128004/56	1		22:28	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			22:32																				
ZZZZZZ			22:36																				
460-44405-1	4	T	22:41	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			22:45																				
ZZZZZZ			22:49																				
ZZZZZZ			22:53																				
ZZZZZZ			22:58																				
ZZZZZZ			23:02																				
ZZZZZZ			23:06																				
ZZZZZZ			23:10																				
CCV 460-128004/67	1		23:15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-128004/68	1		23:19	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			23:23																				
ZZZZZZ			23:27																				
ZZZZZZ			23:31																				
ZZZZZZ			23:36																				
ZZZZZZ			23:40																				
ZZZZZZ			23:44																				
ZZZZZZ			23:48																				
ZZZZZZ			23:53																				
ZZZZZZ			23:57																				
ZZZZZZ			00:01																				
CCV 460-128004/79			00:05																				
CCB 460-128004/80			00:09																				
ZZZZZZ			00:14																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-44405-1

SDG No.: _____

Instrument ID: ICP5 Method: 6010B

Start Date: 09/14/2012 18:35 End Date: 09/15/2012 02:37

Lab Sample ID	D / F	T Y p e	Time	Analytes															
				A g	A l	A s	B a	B e	C a	C d	C o	C r	C u	F e	K	M g	M n	N a	N i
ZZZZZZ			00:18																
ZZZZZZ			00:22																
ZZZZZZ			00:26																
ZZZZZZ			00:31																
ZZZZZZ			00:35																
ZZZZZZ			00:39																
ZZZZZZ			00:43																
ZZZZZZ			00:47																
ZZZZZZ			00:52																
CCV 460-128004/91			00:56																
CCB 460-128004/92			01:00																
ZZZZZZ			01:04																
ZZZZZZ			01:09																
ZZZZZZ			01:13																
ZZZZZZ			01:17																
ZZZZZZ			01:21																
ZZZZZZ			01:25																
ZZZZZZ			01:30																
ZZZZZZ			01:34																
ZZZZZZ			01:38																
ZZZZZZ			01:42																
CCV 460-128004/103			01:47																
CCB 460-128004/104			01:51																
ZZZZZZ			01:55																
ZZZZZZ			01:59																
ZZZZZZ			02:03																
ZZZZZZ			02:08																
ZZZZZZ			02:12																
ZZZZZZ			02:16																
ZZZZZZ			02:20																
ZZZZZZ			02:25																
ZZZZZZ			02:29																
CCV 460-128004/114			02:33																
CCB 460-128004/115			02:37																

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-44405-1

SDG No.: _____

Instrument ID: ICP5 Method: 6010B

Start Date: 09/14/2012 18:35 End Date: 09/15/2012 02:37

Lab Sample ID	D / F	T Y p e	Time	Analytes												
				V	Z n											
ZZZZZ			18:35													
ZZZZZ			18:39													
ZZZZZ			18:44													
ZZZZZ			18:48													
ZZZZZ			18:52													
ZZZZZ			18:56													
ICV 460-128004/7	1		19:00	X	X											
ICB 460-128004/8	1		19:04	X	X											
ICSA 460-128004/9	1		19:09	X	X											
ICSAB 460-128004/10	1		19:13	X	X											
ZZZZZ			19:18													
ZZZZZ			19:22													
ZZZZZ			19:26													
ZZZZZ			19:31													
ZZZZZ			19:35													
ZZZZZ			19:39													
ZZZZZ			19:43													
ZZZZZ			19:47													
CCV 460-128004/19			19:51													
CCB 460-128004/20			19:55													
ZZZZZ			20:00													
ZZZZZ			20:04													
ZZZZZ			20:08													
ZZZZZ			20:12													
ZZZZZ			20:17													
ZZZZZ			20:21													
ZZZZZ			20:25													
ZZZZZ			20:29													
ZZZZZ			20:33													
ZZZZZ			20:38													
CCV 460-128004/31	1		20:42	X	X											
CCB 460-128004/32	1		20:46	X	X											
ZZZZZ			20:50													
ZZZZZ			20:55													
ZZZZZ			20:59													
ZZZZZ			21:03													
ZZZZZ			21:07													
ZZZZZ			21:12													
ZZZZZ			21:16													
ZZZZZ			21:20													
ZZZZZ			21:24													

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-44405-1

SDG No.: _____

Instrument ID: ICP5 Method: 6010B

Start Date: 09/14/2012 18:35 End Date: 09/15/2012 02:37

Lab Sample ID	D / F	T Y p e	Time	Analytes															
				V	Z n														
LCSSRM 460-127756/2-A ^4	4	T	21:28	X	X														
CCV 460-128004/43	1		21:32	X	X														
CCB 460-128004/44	1		21:36	X	X														
MB 460-127756/1-A ^2	2	T	21:41	X	X														
460-44369-C-36-F DU ^4	4	T	21:45	X	X														
ZZZZZZ			21:50																
460-44369-C-36-E SD ^20	20	T	21:54	X	X														
460-44369-C-36-G MS ^4	4	T	21:58	X	X														
460-44369-C-36-E PDS ^4	4	T	22:02	X	X														
ZZZZZZ			22:07																
ZZZZZZ			22:11																
ZZZZZZ			22:15																
ZZZZZZ			22:19																
CCV 460-128004/55	1		22:24	X	X														
CCB 460-128004/56	1		22:28	X	X														
ZZZZZZ			22:32																
ZZZZZZ			22:36																
460-44405-1	4	T	22:41	X	X														
ZZZZZZ			22:45																
ZZZZZZ			22:49																
ZZZZZZ			22:53																
ZZZZZZ			22:58																
ZZZZZZ			23:02																
ZZZZZZ			23:06																
ZZZZZZ			23:10																
CCV 460-128004/67	1		23:15	X	X														
CCB 460-128004/68	1		23:19	X	X														
ZZZZZZ			23:23																
ZZZZZZ			23:27																
ZZZZZZ			23:31																
ZZZZZZ			23:36																
ZZZZZZ			23:40																
ZZZZZZ			23:44																
ZZZZZZ			23:48																
ZZZZZZ			23:53																
ZZZZZZ			23:57																
ZZZZZZ			00:01																
CCV 460-128004/79			00:05																
CCB 460-128004/80			00:09																
ZZZZZZ			00:14																

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-44405-1

SDG No.: _____

Instrument ID: ICP5 Method: 6010B

Start Date: 09/14/2012 18:35 End Date: 09/15/2012 02:37

Lab Sample ID	D / F	T Y p e	Time	Analytes												
				V	Z n											
ZZZZZ			00:18													
ZZZZZ			00:22													
ZZZZZ			00:26													
ZZZZZ			00:31													
ZZZZZ			00:35													
ZZZZZ			00:39													
ZZZZZ			00:43													
ZZZZZ			00:47													
ZZZZZ			00:52													
CCV 460-128004/91			00:56													
CCB 460-128004/92			01:00													
ZZZZZ			01:04													
ZZZZZ			01:09													
ZZZZZ			01:13													
ZZZZZ			01:17													
ZZZZZ			01:21													
ZZZZZ			01:25													
ZZZZZ			01:30													
ZZZZZ			01:34													
ZZZZZ			01:38													
ZZZZZ			01:42													
CCV 460-128004/103			01:47													
CCB 460-128004/104			01:51													
ZZZZZ			01:55													
ZZZZZ			01:59													
ZZZZZ			02:03													
ZZZZZ			02:08													
ZZZZZ			02:12													
ZZZZZ			02:16													
ZZZZZ			02:20													
ZZZZZ			02:25													
ZZZZZ			02:29													
CCV 460-128004/114			02:33													
CCB 460-128004/115			02:37													

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-44405-1

SDG No.: _____

Instrument ID: LEEMAN5 Method: 7470A

Start Date: 09/11/2012 19:38 End Date: 09/11/2012 20:53

Lab Sample ID	D / F	T Y p e	Time	Analytes												
				Hg												
IC 460-127418/1-A			19:38	X												
IC 460-127418/2-A			19:39	X												
IC 460-127418/3-A			19:41	X												
IC 460-127418/4-A			19:43	X												
IC 460-127418/5-A			19:45	X												
IC 460-127418/6-A			19:47	X												
ICV 460-127418/7-A	1		19:49	X												
ICB 460-127438/8	1		19:51	X												
ZZZZZZ			19:53													
MB 460-127418/11-A	1	T	19:56	X												
LCS 460-127418/12-A	1	T	19:58	X												
ZZZZZZ			19:59													
460-44412-G-1-C DU	1	T	20:01	X												
460-44412-G-1-D MS	1	T	20:03	X												
ZZZZZZ			20:05													
ZZZZZZ			20:07													
ZZZZZZ			20:09													
ZZZZZZ			20:11													
CCV 460-127418/8-A	1		20:13	X												
CCB 460-127418/9-A	1		20:15	X												
ZZZZZZ			20:17													
ZZZZZZ			20:19													
ZZZZZZ			20:21													
ZZZZZZ			20:22													
ZZZZZZ			20:25													
460-44405-2	1	T	20:27	X												
ZZZZZZ			20:29													
460-44412-G-1-B SD ^5	5	T	20:31	X												
CCV 460-127418/8-A	1		20:33	X												
CCB 460-127418/9-A	1		20:34	X												
ZZZZZZ			20:36													
ZZZZZZ			20:38													
ZZZZZZ			20:40													
ZZZZZZ			20:42													
ZZZZZZ			20:44													
ZZZZZZ			20:46													
ZZZZZZ			20:48													
ZZZZZZ			20:49													
CCV 460-127418/8-A			20:51													
CCB 460-127418/9-A			20:53													

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-44405-1
SDG No.: _____
Instrument ID: LEEMAN5 Method: 7470A
Start Date: 09/11/2012 19:38 End Date: 09/11/2012 20:53

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-44405-1

SDG No.: _____

Instrument ID: LEEMAN5 Method: 7471A

Start Date: 09/11/2012 18:39 End Date: 09/11/2012 19:29

Lab Sample ID	D / F	T Y p e	Time	Analytes												
				Hg												
IC 460-127408/1-A			18:39	X												
IC 460-127408/2-A			18:42	X												
IC 460-127408/3-A			18:44	X												
IC 460-127408/4-A			18:46	X												
IC 460-127408/5-A			18:48	X												
IC 460-127408/6-A			18:50	X												
ICV 460-127408/7-A	1		18:53	X												
ICB 460-127430/8	1		18:55	X												
MB 460-127408/10-A	1	T	18:56	X												
LCSSRM 460-127408/11-A ^40	40	T	18:58	X												
ZZZZZZ			19:01													
ZZZZZZ			19:03													
460-44418-A-8-B DU	1	T	19:05	X												
460-44418-A-8-C MS	1	T	19:07	X												
ZZZZZZ			19:09													
ZZZZZZ			19:11													
ZZZZZZ			19:13													
ZZZZZZ			19:15													
CCV 460-127408/8-A	1		19:16	X												
CCB 460-127430/20	1		19:18	X												
ZZZZZZ			19:20													
460-44405-1	1	T	19:22	X												
460-44418-A-8-A SD ^5	5	T	19:24	X												
CCV 460-127408/8-A	1		19:26	X												
CCB 460-127430/25	1		19:29	X												

Prep Types

T = Total/NA

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.:

Batch Number: 127660

Batch Start Date: 09/13/12 09:52

Batch Analyst: Huang, Yixin

Batch Method: 3010A

Batch End Date: 09/13/12 14:30

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_LCS-int 00032			
MB 460-127660/1		3010A, 6010B		100 mL	100 mL				
LCS 460-127660/2		3010A, 6010B		100 mL	100 mL	2 mL			
460-44494-C-3 DU		3010A, 6010B	T	100 mL	100 mL				
460-44494-I-3 MS		3010A, 6010B	T	100 mL	100 mL	2 mL			
460-44405-E-2	20120910EB	3010A, 6010B	T	100 mL	100 mL				

Batch Notes

Batch Comment	1:1 HCL LOT MPR 210
First End time	14:30
Filter Paper Lot Number	09-790F
Lot # of Nitric Acid	L03021
Hot Block ID number	3
Oven, Bath or Block Temperature 1	94 Degrees C
Oven, Bath or Block Temperature 2	94 Degrees C
Pipette ID	3
First Start time	9:00
ID number of the thermometer	3
Digestion Tube/Cup Lot #	1202052

Basis	Basis Description
T	Total/NA

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.: _____

Batch Number: 127756

Batch Start Date: 09/13/12 17:01

Batch Analyst: Cheema, Ali R

Batch Method: 3050B

Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	CalcMsg	InitialAmount	FinalAmount	ME_LCS-int_00032	ME_LCSS_77_00002	
MB 460-127756/1		3050B, 6010B		CALC NOT SET TO RUN	1.00 g	50 mL			
LCSSRM 460-127756/2		3050B, 6010B		CALC NOT SET TO RUN	1.00 g	50 mL		1 g	
460-44369-C-36 DU		3050B, 6010B	T	CALC NOT SET TO RUN	1.02 g	50 mL			
460-44369-C-36 MS		3050B, 6010B	T	CALC NOT SET TO RUN	1.03 g	50 mL	2 mL		
460-44405-E-1 -2N	201209105B-365VO	3050B, 6010B	T	CALC NOT SET TO RUN	1.00 g	50 mL			

Batch Notes

Balance ID	35
Hydrogen peroxide lot number	K45J00
Lot # of hydrochloric acid	L02A02
Lot # of Nitric Acid	L03021
Temperature	95 Degrees C

Basis	Basis Description
T	Total/NA

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.:

Batch Number: 127418

Batch Start Date: 09/11/12 17:00

Batch Analyst: Staib, Thomas

Batch Method: 7470A

Batch End Date: 09/11/12 19:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_DCAL-IN 00900	ME_DQCS-INT 00617		
ICV 460-127418/7		7470A, 7470A		100 mL	100 mL		5 mL		
CCV 460-127418/8		7470A, 7470A		100 mL	100 mL		5 mL		
CCB 460-127418/9		7470A, 7470A		100 mL	100 mL				
MB 460-127418/11		7470A, 7470A		30 mL	30 mL				
LCS 460-127418/12		7470A, 7470A		30 mL	30 mL	0.6 mL			
460-44412-G-1 DU		7470A, 7470A	T	30 mL	30 mL				
460-44412-G-1 MS		7470A, 7470A	T	30 mL	30 mL	0.6 mL			
460-44405-C-2	20120910EB	7470A, 7470A	T	30 mL	30 mL				

Batch Notes

Hydroxylamine Hydrochloride Lot	HgR01492
Sulfuric Acid Lot Number	K53043
Lot # of hydrochloric acid	HgR01493
Lot # of Nitric Acid	L03021
Hood ID or number	#2
Hot Block ID number	#9
Potassium Persulfate Lot Number	HgR01491
Potassium Permanganate Lot Number	HgR01490
NaCl Lot #	HgR01492
Oven, Bath or Block Temperature 1	Uncorrected Temperature 96 Degrees C
Pipette ID	#25
Stannous Chloride Lot Number	HgR01494
Temperature	95 Degrees C
ID number of the thermometer	Prep-1 (CF -1)

Basis	Basis Description
T	Total/NA

7470A

Page 1 of 1

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.:

Batch Number: 127408

Batch Start Date: 09/11/12 16:30

Batch Analyst: Staib, Thomas

Batch Method: 7471A

Batch End Date: 09/11/12 18:15

Lab Sample ID	Client Sample ID	Method Chain	Basis	Initial Amount	Final Amount	ME_DCAL-IN 00900	ME_DQCS-INT 00617	ME_LCSS_77 00002	
ICV 460-127408/7		7471A, 7471A		0.60 g	100 mL		5 mL		
CCV 460-127408/8		7471A, 7471A		0.60 g	100 mL		5 mL		
MB 460-127408/10		7471A, 7471A		0.60 g	100 mL				
LCSSRM 460-127408/11		7471A, 7471A		0.60 g	100 mL			0.6 g	
460-44418-A-8 DU		7471A, 7471A	T	0.60 g	100 mL				
460-44418-A-8 MS		7471A, 7471A	T	0.60 g	100 mL	1 mL			
460-44405-A-1	201209105B-365VO -2N	7471A, 7471A	T	0.62 g	100 mL				

Batch Notes	
Hydroxylamine Hydrochloride Lot	HgR01492
Balance ID	#35
Batch Comment	Autoclave Pressure 15 LBS
Sulfuric Acid Lot Number	K20042
Lot # of hydrochloric acid	HgR01493
Lot # of Nitric Acid	L03021
Hood ID or number	#1
Potassium Permanganate Lot Number	HgR01490
NaCL Lot #	HgR01492
Oven, Bath or Block Temperature 1	Autoclave Temperature 121 Degrees Celcius
Stannous Chloride Lot Number	HgR01494
ID number of the thermometer	Prep-1 (CF -1)
Uncorrected Temperature	122 Celsius

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-44405-1

SDG No.: _____

Project: Rohm and Haas Philly Plant

Client Sample ID
201209105B-365VO-2N

Lab Sample ID
460-44405-1

Comments:

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison

Job Number: 460-44405-1

SDG Number: _____

Matrix: Solid

Instrument ID: NOEQUIP

Method: Moisture

RL Date: 02/15/2007 17:07

Analyte	Wavelength/ Mass	RL (%)	
Percent Moisture		1	
Percent Solids		1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison

Job Number: 460-44405-1

SDG Number: _____

Matrix: Solid

Instrument ID: NOEQUIP

Method: Moisture

XRL Date: 01/01/2007 16:49

Analyte	Wavelength/ Mass	XRL (%)	
Percent Moisture		1	
Percent Solids		1	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-44405-1

SDG No.: _____

Instrument ID: NOEQUIP Method: Moisture

Start Date: 09/12/2012 13:17 End Date: 09/12/2012 13:18

Lab Sample ID	D / F	T Y p e	Time	Analytes												
				% S o l	M o i s t											
ZZZZZZ			13:17													
ZZZZZZ			13:17													
ZZZZZZ			13:18													
ZZZZZZ			13:18													
ZZZZZZ			13:18													
ZZZZZZ			13:18													
ZZZZZZ			13:18													
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ZZZZZZ			13:18													
ZZZZZZ			13:18													
ZZZZZZ			13:18													
ZZZZZZ			13:18													
460-44405-1	1	T	13:18	X	X											
ZZZZZZ			13:18													
ZZZZZZ			13:18													
460-44428-A-2 DU	1	T	13:18	X	X											
ZZZZZZ			13:18													
ZZZZZZ			13:18													
ZZZZZZ			13:18													
ZZZZZZ			13:18													

Prep Types

T = Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison

Job No.: 460-44405-1

SDG No.:

Batch Number: 127535

Batch Start Date: 09/12/12 13:17

Batch Analyst: Armbruster, Chris

Batch Method: Moisture

Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-44405-E-1	201209105B-365VO -2N	Moisture	T	14	1.00 g	6.64 g	5.00 g		
460-44428-A-2 DU		Moisture	T	17	1.00 g	6.17 g	5.44 g		

Batch Notes	
Balance ID	104 No Unit
Batch Comment	Job's 450-6549 was removed from the oven @ 8:17am so that data can be processed
Date samples were placed in the oven	9/12/12
Oven Temp when samples are put in oven	Oven-1 105 Degrees C
Time samples were place in the oven	16:43
Date samples were removed from oven	9/13/12
Oven Temp when samples removed from oven	104°C Degrees C
Time Samples were removed from oven	8:17am, 11:20
Oven ID	Oven-1
ID number of the thermometer	C4251
Uncorrected In Temperature	Even Celsius
Uncorrected Out Temperature	None Celsius

Basis	Basis Description
T	Total/NA

Shipping and Receiving Documents

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

777 New Durham Road
Edison, New Jersey 08811
Phone: (732) 549-3900 F

TK
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TestAmerica Edison
Sample pH Receipt Log

Job No. 4446

Sample No(s). adjusted:

Preservative Name/Conc.:

Lot # of Preservative:

Project Manager and the Department Manager should be notified about the samples which were pH adjusted.

Initials:

Date: 9/11/2012

Login Sample Receipt Checklist

Client: URS Corporation

Job Number: 460-44405-1

Login Number: 44405

List Source: TestAmerica Edison

List Number: 1

Creator: Meyers, Gary

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	4.2 ° C IR#3
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.